



OLVIER

Summer Naval School





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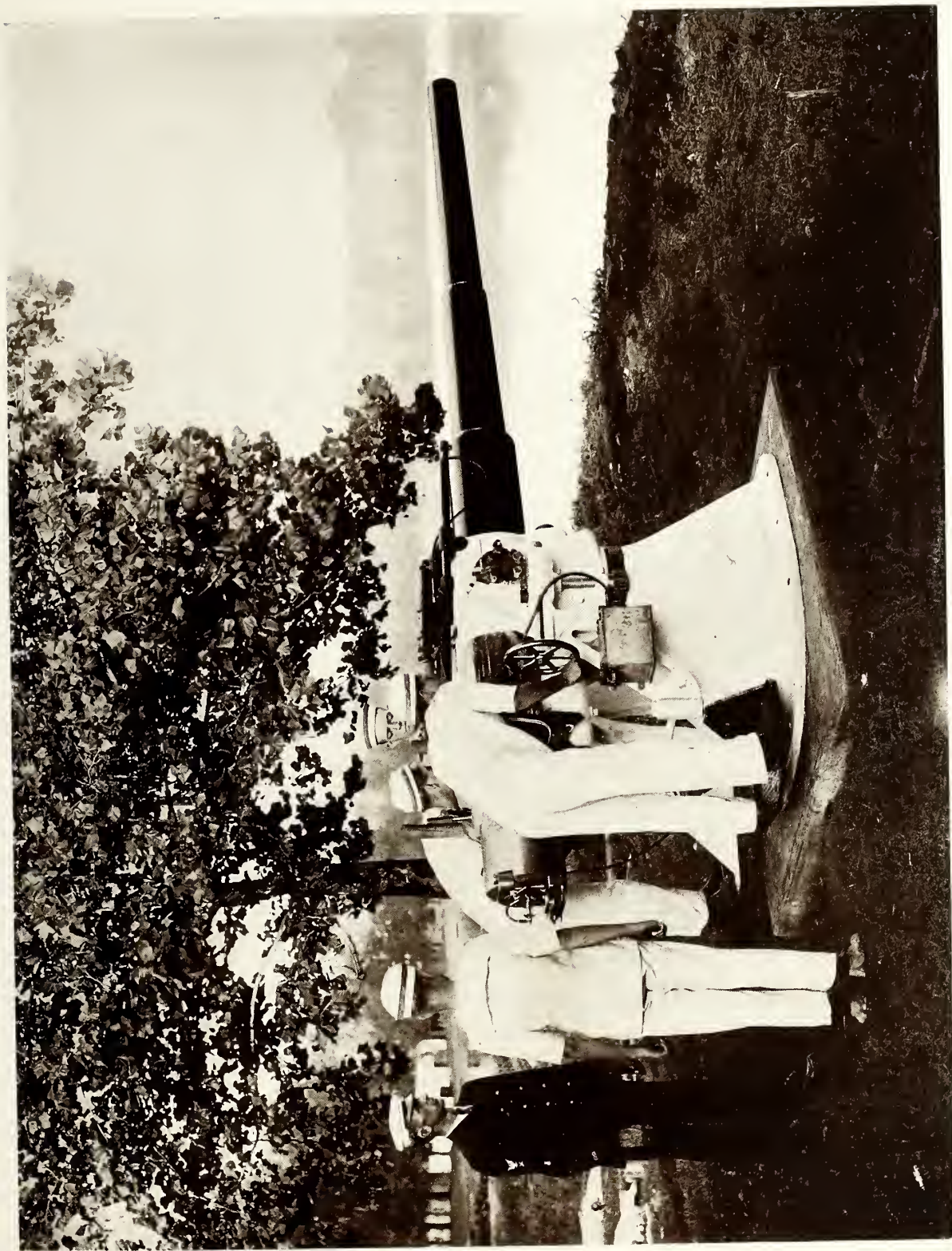




DRILL UNDER SAIL. "UP MASTS!"

The cutters are each fitted with two masts and accompanying sails, the masts may be unshipped and the boat converted at will into sail boat or row boat. At the command "up masts!" the crews raise and step the masts, make fast the shrouds, hoist the top masts and with startling rapidity send their ten oared boats of a few minutes before, scudding before the breeze under an impressive array of bellying canvas.





#### GUN POINTING

This splendid piece of ordnance has been issued to the Naval Battalion at Culver by the U. S. Navy Department. This picture was taken immediately after the gun had been mounted and before shelter had been erected over it. The Department has also provided Morris tube equipment, which is a special device in which .22 caliber bullets are fired at a small target reduced to such proportion as to represent a large target at long range with the motion that would be given to it by the tossing of the waves. This gives practically the same gun-pointing drill that would be gone through with in gun practice at sea with actual firing at a moving target.





THE FLAG BOAT

From this boat the Instructor gives his commands to the fleet of cutters or power boats by certain combinations of colored flags which are hoisted, as shown in the picture. In response to these signals the boats are maneuvered in line and column as in the case of large ships. Corrections and cautions are signalled by hand semaphore. The cadet in the bow was in the act of sending such a message when the picture was snapped. The boat drills conducted on this plan cultivate alertness and good judgment, and prove highly interesting.

# CATALOGUE of the CULVER SUMMER NAVAL SCHOOL

Recognized and equipped  
by the U.S. Navy Department  
and under same manage-  
ment as the well known  
**CULVER**  
**MILITARY ACADEMY**



A Warrant Officer of the U. S. N. is detailed at Culver  
to give instruction in signalling

**CULVER, INDIANA.**  
*ON LAKE MAXINKUCKEE*

1912

## BOARD OF TRUSTEES

Mr. H. H. Culver\*

Mr. B. B. Culver

Mr. H. H. Culver, Jr.\*

Col. A. F. Fleet\*

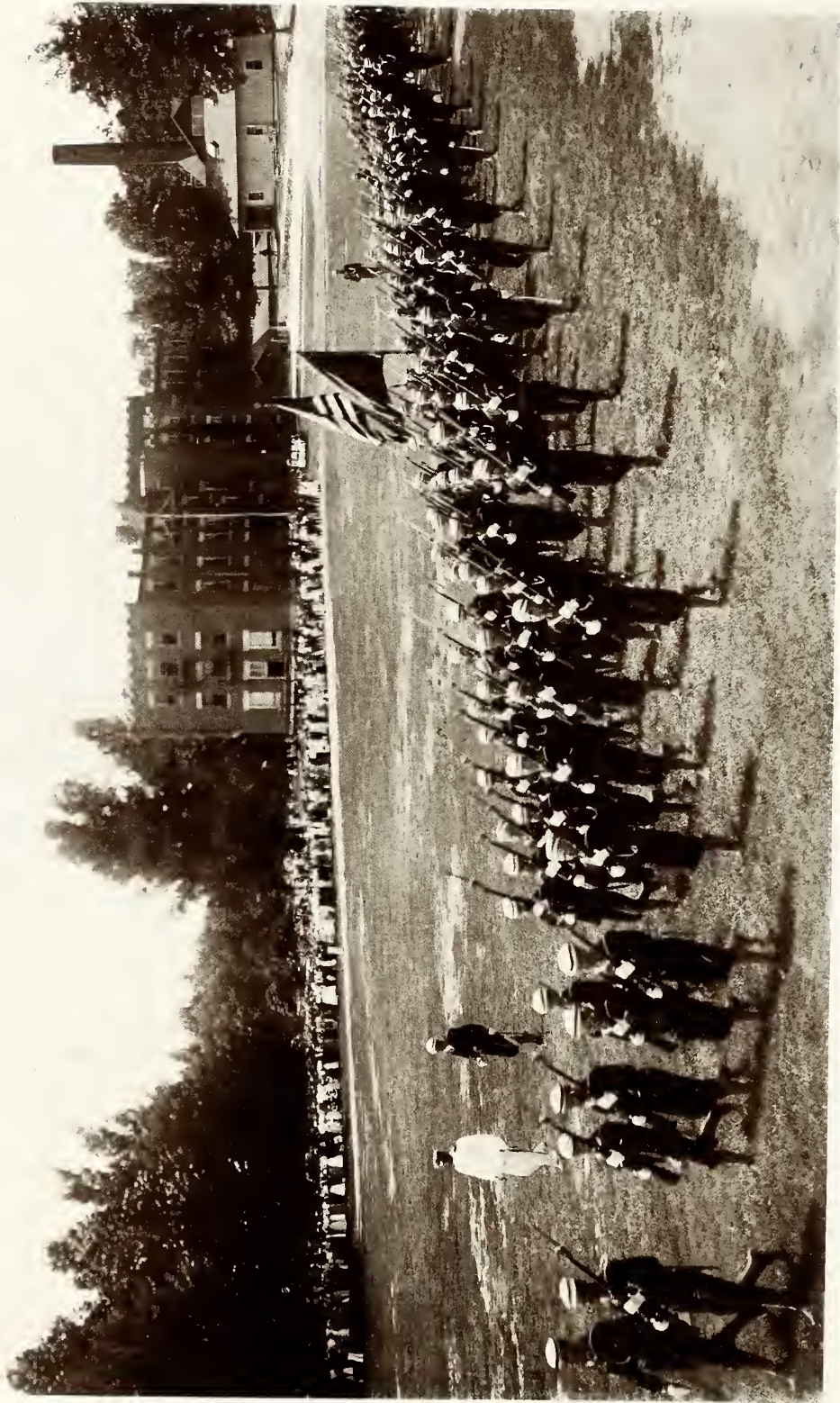
Mr. E. R. Culver

Mr. K. K. Culver

Mrs. E. J. Culver-Bell

\*Deceased





#### BATTALION DRILL

While the greater part of the time available for drills is spent on the water, the cadets are given a short drill each day in the manual of arms and the school of the company and battalion. These drills are of considerable value in cultivating precision and attention to details.





GARRISON REVIEW IN WINTER.

CATALOGUE of the Culver Military Academy, in session from September to June, will be sent on request to those interested. While Culver is very widely and favorably known, few people who have not visited the school fully realize that Culver Military Academy has an equipment which in many respects is absolutely unique, and that its advanced methods in the all around training of boys is attracting world wide attention. If you have a boy of high school age an investigation, either through the medium of the catalogues or a personal visit, of the advantages offered at Culver would be more than worth while. General Baden-Powell, the famous English General and Founder of the Boy Scout Movement, said to the cadets at Culver recently: "I have seen the cadets of all nationalities at their work, but I must say you beat the lot. Your organization and superb equipment are a revelation to me."



Bridge Building. Cadets are taught to build both spar and pontoon bridges, an attractive feature appealing strongly to the boy's constructive instincts.



Mounted Artillery Drill.—"Front Into Battery!" This mounted drill is a feature rarely afforded in schools.





# Officers and Instructors

## Commanding Officer

L. R. GIGNILLAT.....Lt. Col., Ind. National Guard  
Fourteen Years Commandant of Cadets, Culver Military Academy  
Superintendent, Culver Military Academy

## Seamanship and Navigation

J. H. INGRAM.....Acting Commander, Ensign U. S. Navy  
Detailed by Secretary of Navy for Summer of 1911

## Professor of Military Science

J. Q. ADAMS.....Captain, U. S. A., Ret.

## Head of Academic Department

H. G. GLASCOCK, B. S.....Major, Academic Staff, C. M. A.

## Commandant of Cadets

B. H. GREINER, M. S.....Major, Tactical Staff, C. M. A.

## Faculty

F. L. HUNT, A. M., *English*.....Captain, Academic Staff, C. M. A.  
H. F. NOBLE, *Mech. Drawing*, Lieut., Ind. Naval Reserves and Capt., Tactical and Academic Staff, C. M. A.  
J. F. GRANT, *Commercial Branches*.....Captain, Academic Staff, C. M. A.  
R. H. MOWBRAY, A. B., *History and Latin*.....Captain, Tactical and Academic Staff, C. M. A.  
B. F. WILLHITE, A. B., *French and German*.....Captain, Academic Staff, C. M. A.  
G. H. CRANDALL, A. M., *Mathematics*.....Captain, Academic Staff, C. M. A.  
W. R. KENNEDY, *Mathematics and Target Practice*.....Captain, Tactical and Academic Staff, C. M. A.  
H. L. DURBOROW, A. B., *English*.....Captain, Tactical and Academic Staff, C. M. A.  
R. ROSSOW, *Fencing*.....Captain, Tactical and Academic Staff, C. M. A.  
A. STOUTENBURGH, A. B., *Mathematics*.....Captain, Academic Staff, C. M. A.  
W. WILSON, *Music*.....Captain, and Head of Musical Department, C. M. A.  
G. B. EISENHARD, A. M., *Sciences*.....Captain, Academic Staff, C. M. A.  
A. R. ELLIOTT, *English*.....Captain, Tactical and Academic Staff, C. M. A.  
W. A. MILLER, A. B., *Moral Instruction, Turis System*.....Y. M. C. A. Secretary, C. M. A.  
M. V. BENNETT, A. M., *Languages*.....Captain, Academic Staff, C. M. A.  
G. M. EVANS, A. M., *Mathematics*, Prin. Boys' High School, Geneva N. Y., Capt. Acad. Staff, C. S. N. S.  
V. L. RICHMOND, A. B., *French*.....First Lieut., Tactical and Academic Staff, C. M. A.  
C. E. SMITH, B. S., *History and Mathematics*.....Second Lieut., Academic Staff, C. M. A.  
C. A. ROCKWOOD, A. B., *History*.....First Lieut. Tactical and Academic Staff, C. M. A.  
S. T. STARBUCK, A. B., *Mathematics*.....Second Lieut., Academic Staff, C. M. A.  
H. M. FUHR, *Vocal Music*.....Second Lieut., Academic Staff, C. M. A.  
W. M. HAND, *Pay Officer*.....Lieut. Ind. Naval Reserves  
C. E. REED, M.D., *Surgeon*.....Major Medical Corps, C. M. A.  
E. B. GAYNOR, *Dancing*.....President American National Association of Masters of Dancing  
HUGO FISCHER, *Swimming and Aquatic Sports*.....Secretary North American Gymnastic Union  
F. HAGGERTY, A. B., *Physical Director*.....Athletic Director—Buchtel College



A SWIMMING RACE

The weekly aquatic meets are among the most interesting and attractive features of the summer course. Both senior and junior meets are held, affording a great variety of events. Ribbons are awarded each week and medals at the end of the term.





**T**EN years ago the Culver Military Academy planned the first session of its Summer School and announced its purpose on this page. This purpose was in brief to afford an attractive and really profitable summer outing for boys; to furnish a properly balanced combination of work and play that would give a full measure of wholesome relaxation and pleasure and at the same time provide an effective substitute for the haphazard summer with its aimlessness and mental inertia.

Each succeeding year this problem has been set forth as the purpose of the school and to its solution the Culver Military Academy has lent its unusual equipment and resources and given the best thought and study of its experienced corps of instructors. It is believed that the results obtained permit the school to speak now not only of the purpose, but also of its fulfillment.

Something more comprehensive and more effective than the summer camp has been evolved. The school has grown both in size and in perfection. Every detail and method has been carefully worked out and new features tested and added to the course until the Culver Summer Naval School has grown to be the largest and most successful boys' summer school in America, unique in both plan and equipment, attracting boys from almost every state in the Union, and frankly recognized as a model by many similar schools which have since been developed.

The Summer Naval Course, with its wholesome open-air exercise, its picturesqueness and touch of romance, makes a stronger appeal to a boy's imagination and interest than anything that could be devised for an organized summer outing.

It also solves effectively what has long been a problem to thoughtful teachers and parents, it gives a chance for the boy backward in his studies to make them up without sacrificing his vacation, and an opportunity for the boy who is regular in his work to keep his mind fit by a little mental exercise each day, and gives both a summer really worth while, genuinely refreshing and with a liberal gain in muscle, tan and health.

At the same time the school offers the advantages of proper associates, a healthy moral atmosphere, personal supervision by experienced teachers, a special system of tutoring, and a beautiful and healthy location, free from the temptations and bad influences of the city, town, or large watering place. Wholesome pleasures are provided in abundance, and many cadets affirm that their summers at Culver are the happiest they have ever spent.

**1912 Term Begins June 27, Ends August 22**

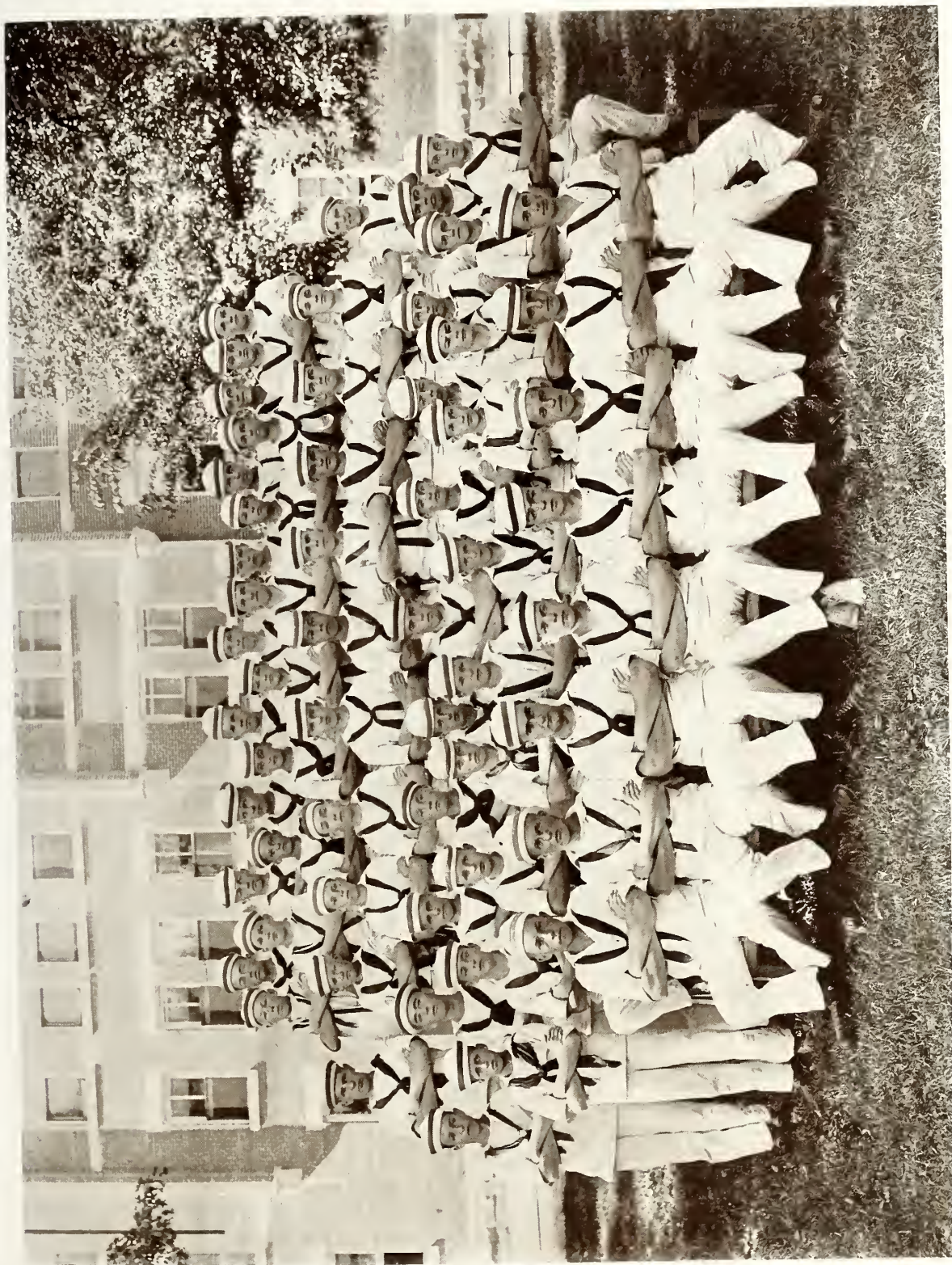




THE FIRST COMPANY

This picture shows the service uniform, but without leggings or belts and as worn throughout the day to classes, meals, etc.

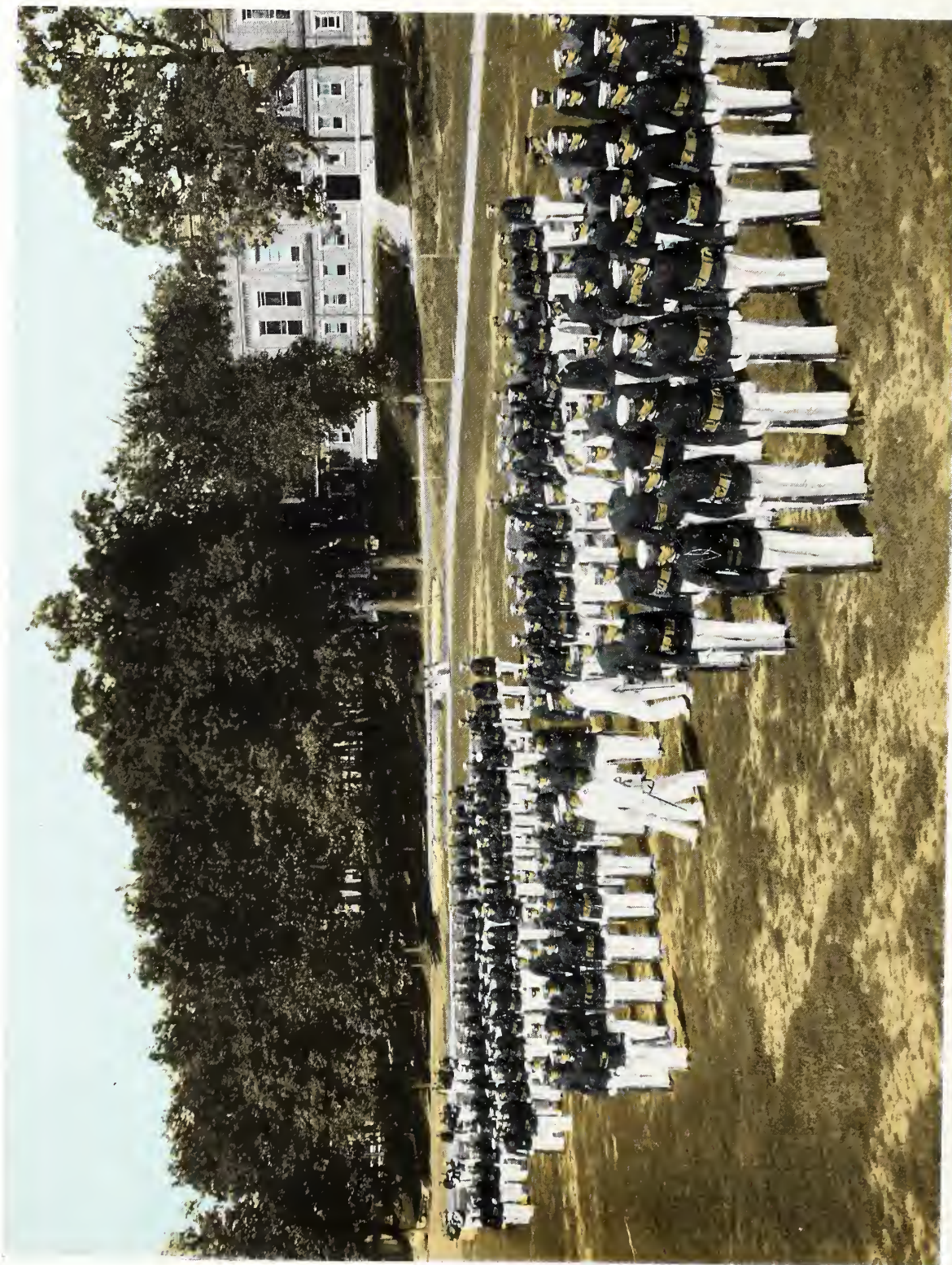




THE SECOND COMPANY

The cadets in this picture are wearing the cool and attractive work suits, used during boat drills and other exercises where great freedom of movement is desirable. The clean cut, wholesome appearance of these cadets will give to those unfamiliar with the school an idea of the splendid class of boys who make up its enrollment.





Inspection of the Battalion by Commander A. H. Davis, U. S. Navy, during his annual tour of inspection of the Naval Militia of the various states.



# Roster of Cadets

## Culver Summer Schools, Culver, Indiana, 1911

Adams, Stanley Benning..... Illinois  
Alden, Horace Allen..... Michigan  
Aldridge, Minter Young..... Mississippi  
Allen, Ulamor Kenneth, C.S..... New Jersey  
Allendorf, Hugo Alfred..... Ohio  
Anderson, Charles Curtis, C.S..... Oregon  
Androus, Harold Newell..... California  
Antle, William Smoot, C.S..... Illinois  
Arnold, Lawson..... Ohio  
Askew, James Field, Jr., C.S..... Kentucky  
Atkins, Herbert, C.S..... Louisiana

Babcock, Burton..... Indiana  
Backman, John Jeremiah..... Indiana  
Baehr, Albert Meckes..... Ohio  
Baldwin, George Crook, C.S..... Illinois  
Ball, Edmund Arthur..... Indiana  
Bancker, Adrian Gerard..... Indiana  
Barnes, Cullen Bryant..... Indiana  
Barrett, James Madison, Jr..... Indiana  
Bassett, Herbert Wilcox..... Indiana  
Bauer, Arthur Oliver..... Indiana  
Beggs, John Vincent..... Illinois  
Beilstein, Coyt Edmund..... Ohio  
Bell, Christian Pepper..... Missouri  
Bell, John Inman..... Georgia  
Bent, Harry Sims..... Colorado  
Bergstrom, Harry Gustaf..... Illinois  
Bevan, Chester Paul, C.S..... Ohio  
Biggs, William Reuel..... Illinois  
Bippus, Albert Watkins, C.S..... Indiana  
Bippus, George James..... Indiana  
Blim, Spencer Phelps, C.S..... Illinois  
Block, Jefferson Kennedy..... Tennessee  
Boardman, Charles Holloway..... Ohio  
Boblett, Herbert Allen..... Indiana  
Boies, Russell Lowell..... Iowa  
Bond, Rush Ronald, C.S..... Indiana  
Bond, Frank Russell, C.S..... Indiana  
Borland, Joseph Vankirk..... Pennsylvania  
Bowcock, Harold Matthew..... Illinois  
Bowers, Joel Foster, C.S..... New York  
Bowers, Lee Metzler..... Indiana  
Bowers, Stewart Wilson, C.S..... New York  
Brecher, John Avery, C.S..... Illinois  
Brice, William Orville, Jr..... Louisiana  
Bridge, George Donald..... Nebraska  
Broadwell, Latham..... Illinois  
Broadwell, Stewart, Jr..... Illinois  
Brodhead, Nathaniel Boyd..... New Jersey  
Broer, Edwin Luther..... Ohio  
Brokaw, William Byron, C.S..... Indiana  
Brown, Harry Keith..... Indiana  
Brown, Harley Procter..... Ohio  
Brown, Henry Warren..... Georgia  
Brown, Kenneth Cotton..... Illinois  
Brown, Malcolm..... Illinois  
Brown, Richard Crosby..... New York  
Brush, Thomas Stewart..... Ohio  
Bryce, William Henry, C.S..... Louisiana  
Bundy, William Sanford..... Ohio  
Burchenal, Charles Henry, C.S..... Ohio  
Burd, Robert Holdren..... Indiana

Campbell, Charles William..... Kentucky  
Campbell, Thomas Patterson..... Colorado  
Cardwell, Oliver Byron..... Oregon  
Carleton, Fred Clarence, C.S..... Kentucky  
Carr, Richard Graham..... West Virginia  
Chadwick, Perry Moreland..... Illinois  
Chamberlain, Richard Harris..... Indiana  
Cherry, George Denison..... Arkansas  
Cherry, Louis Williamson, Jr..... Arkansas  
Christie, Cyrus Ben..... Michigan  
Chun, Yen Show..... China  
Cline, Ner William..... Indiana  
Coburn, Clinton Kirkland..... Ohio  
Collier, Wright, C.S..... Michigan  
Cooper, Charles Raymond, C.S..... New York  
Cooper, Rex..... Indiana  
Corey, Lawrence O..... Indiana  
Craig, Winchell McKendree..... Ohio  
Crane, Charles Linton..... Missouri  
Crisp, Kenneth O..... Michigan  
Crocket, George Herbert, Jr., C.S..... Massachusetts

Crome, Conrad Fink..... Missouri  
Crumpacker, Edgar Dean..... Indiana  
Culver, Edwin Raymond, Jr..... Missouri  
Curl, Lewis Joseph, C.S..... Oklahoma  
Curl, Willis Blaine, C.S..... Oklahoma

Davey, Thomas Elliott, Jr..... Ohio  
Davidson, Joseph Moore..... Louisiana  
Davidson, Samuel Karl, C.S..... Pennsylvania  
Drake, John Morris..... Indiana  
Duffin, Everitt James..... Indiana  
Dunkelberg, Charles August..... Indiana  
Dunkelberg, Ralph Crockett..... Indiana  
Dunphy, Charles Brenton..... Michigan

Eagle, Bryan Munroe..... Arkansas  
Earl, John Howard..... Pennsylvania  
Eddy, William Chaffee, C.S..... Illinois  
Edwards, Burton Park..... Illinois  
Edwards, Samuel Jr..... Iowa  
Ellsworth, Guy Trigg, C.S..... Tennessee  
Ely, John Thomas Anderson..... Wisconsin  
Evans, Emerson Clarence..... Indiana

Farrar, Richard Howard..... Missouri  
Feldman, Herbert Bismarck..... Missouri  
Finch, L. Boyd, C.S..... Illinois  
Fitts, Frank Leland Hill..... South Dakota  
Fleet, Reginald Scott..... Georgia  
Foulkes, George Clark..... Indiana  
Freeman, Frederick James, C.S..... Illinois

French, Sherman Queal..... Iowa  
Freund, Michael Wurzel..... Missouri  
Fulton, Malcolm Hill..... Texas

Garner, Robert Livingstone..... Mississippi  
Gibson, Frank DeWitt..... Hawaii  
Gillett, Asa Clarence..... Colorado  
Gordon, Randolph Fleming..... Kentucky  
Goulding, Harry Owens..... New Jersey  
Green, Burton Cleland, C.S..... Indiana  
Green, Harold Hoadley..... Ohio  
Griffith, Lloyd Brooke..... Georgia  
Griffith, Robert Jenkins..... Georgia  
Gronos, Dow Seigel..... Ohio  
Guettel, Arthur Abraham..... Missouri

Hager, Fred A..... Pennsylvania  
Halbert, Howard Valmore..... Indiana  
Hall, Benjamin Homer..... New York  
Hamilton, Arthur DeWitt..... Missouri  
Harley, Howard Robertson..... Nebraska  
Harrison, Thomas Gabraith..... Minnesota  
Harting, Ralph Waldo..... Indiana  
Hatcher, Robert Evans, Jr..... Illinois  
Hauk, William Henry..... Missouri  
Hawley, Donald Coe..... Minnesota  
Hawley, Jay Frederick..... Indiana  
Hays, Edmund Stephen..... Wisconsin  
Hedges, Robert Lee, Jr., C.S..... Missouri  
Heinecke, Frederick H., C.S..... Wisconsin  
Heiner, John Pershing..... Pennsylvania  
Heiner, William Graham..... Pennsylvania  
Henning, Casper Ferdinand..... Illinois  
Heston, Joseph Samuel..... Indiana  
Hiller, Hugh Milligan..... Missouri  
Hogan, Thomas Leo, C.S..... New York  
Holm, Henry Everett, C.S..... Oklahoma  
Hosaker, John Pleasant, Jr., C.S..... Louisiana  
Hoake, Malcolm King, C.S..... Tennessee  
Howe, Stephen Rollin, C.S..... Illinois  
Hurley, Henry Alfrey..... Indiana  
Hydeman, Sidney L..... Minnesota  
Hyman, Edwin Alexander..... Missouri

Ireland, Thomas Saxton..... Colorado  
Irwin, Macaulay..... Illinois

Jefferson, Carlyle..... Kentucky  
Johnson, Ralph Thure..... Illinois  
Johnson, Abbott Livingstone..... Indiana  
Jones, Douglas Clyde..... Ohio  
Jordan, Fred Capers, C.S..... Georgia  
Joneau, Eston Bushong..... Indiana

Kahn, Asher Daniel, C.S..... Ohio  
Kahn, Jerome Lemmann..... Ohio  
Kane, Edwin Lyle McVicker..... Illinois  
Kaufmann, Ernst Louis Fred, C.S..... Wisconsin  
Kiggins, Harold Stanford..... California  
Knowlson, Elms Thexton..... Michigan  
Knox, Remwick McLaren..... Minnesota  
Kunkel, Kenneth M..... Indiana  
Kunkel, William Albert, Jr..... Indiana

Ladd, Charles Newcomb..... Massachusetts  
Landon, William Kosboth..... Illinois  
Lanzelere, Henry Holmes, C.S..... Pennsylvania  
Latham, Charles..... Michigan  
Laws, Horace E..... Indiana  
Lilley, James Frank..... Texas  
Lounsbury, James Merrill, C.S..... Illinois  
Loveam, Adolph Maurice..... Tennessee  
Love, John Raymond..... Ohio  
Luehr, Elmer..... Illinois  
Lyons, Leonard Mason..... Missouri

McCaskill, Harold Judson, C.S..... Florida  
McGregor, John Francis, C.S..... Missouri  
McHugh, John Garrett..... Virginia  
McKelvey, William Wesley..... Ohio  
McLendon, Jesse Sumpter..... Texas  
McManus, James Riley, C.S..... Iowa  
McNulty, George Harold..... Indiana  
Maas, Hugo..... Indiana  
Mandeville, Harold Judson..... Iowa  
Markley, Edward Alfred..... Ohio  
Marshall, Elliot, Jr..... Missouri  
Marthinson, Detlow Charles..... Dist. of Col.  
Martin, Norman Imbrie, C.S..... Pennsylvania  
Maxwell, Donald Condon..... Kansas  
May, James Sansberry..... Indiana  
Mason, Edward Winslow, C.S..... Iowa  
Mattern, Guinn Whitehurst, C.S..... Ohio  
Meyer, Lionel Leopold, C.S..... Louisiana  
Miller, James Max..... Illinois  
Miller, Marion Taylor..... Kentucky  
Mohs, Oscar..... Indiana  
Monnig, Hugo, Jr..... Missouri  
Moore, Jerald Powers, C.S..... Ohio  
Morrow, Russell Atwood..... Illinois  
Mount, Thomas Ernest..... Louisiana

Neal, James Robert..... Texas  
Nelson, Horace Conrad..... Illinois  
Nelson, William Oscar..... Illinois  
Nesbit, Malcolm..... Pennsylvania  
Nesbitt, Francis Henry..... Indiana  
Newkirk, George Harold, C.S..... Illinois  
Niederauer, Philip Mitchell..... Indiana  
Northcott, Gustavus Andrew, C.S. W. Virginia  
Nurney, George Clannodon..... Virginia  
Nyce, Benjamin Markley, Jr..... Indiana

Olds, James Henry Simonson..... Indiana  
Orndoff, Thomas Hughes..... Pennsylvania  
Orton, Julian Rockwood..... Illinois  
Orton, Louis Spitley..... Illinois

Painter, John Henry, Jr..... Pennsylvania  
Palmer, James Shrigley..... Michigan  
Parke, Torston Herbert..... Illinois  
Patterson, Philip Woodworth..... Oregon  
Paul, Ricardo J..... Venezuela  
Pfeiffer, Henry March..... Iowa  
Phister, Lispenard Bache..... Illinois  
Pierce, John Eric..... Wisconsin  
Plummer, Carlyle Junker..... Texas

Quigley, Q. A..... Iowa

Ramsey, J. Watson, Jr..... Missouri  
Ramsey, Roland Henry..... Kansas  
Randall, Franklin Peleg..... Indiana  
Redmon, John Craig..... Indiana  
Reece, Cornelius H., C.S..... Illinois  
Reece, Robert Howell, C. S..... Illinois  
Reed, Merideth Patton..... Indiana  
Reilly, John H. Gay, C.S..... Missouri  
Reinhoff, William Francis, C.S..... Missouri  
Rens, Karl Myer..... Ohio  
Richards, Laurence Hamilton..... Pennsylvania  
Richards, William Allison..... Pennsylvania  
Richardson, Charles Reed..... Massachusetts  
Richardson, Robert Ramsey..... Ohio  
Riegler, Milton S..... Missouri  
Rinehart, Joseph Hill..... Montana  
Ristine, Richard Harrison..... Iowa  
Ritchie, Herbert Ellsworth..... Ohio  
Roark, Harvey Wade..... Texas  
Roberts, Charles VonLunen..... Pennsylvania  
Robertson, Neil Vinson..... Indiana  
Robertson, Roemer..... Ontario  
Rogers, Seabury Belmont..... Indiana  
Roller, Duane Emerson..... Ohio  
Rollins, Herbert Knapp..... New York  
Roth, George Eugene..... Illinois  
Rough, Robert Lester, C.S..... Indiana  
Ruf, Clifford John..... Missouri  
Russell, James Kennerly, C.S..... Missouri  
Rutledge, Paul White..... Illinois

Saddler, Harry Dean..... Illinois  
Sanford, Harold Edward, C.S..... Minnesota  
Schlemmer, Norman Charles..... Texas  
Scruggs, James Conlon..... Tennessee  
Selby, Harold Rea..... Ohio  
Shaffer, Frank Holmes, Jr..... Ohio  
Shanard, Jacob Harris..... South Dakota  
Sharp, Joel Herbert..... Ohio  
Shary, Robert Burns, C.S..... Nebraska  
Shear, Charles Reading..... Texas  
Sheppard, Isaac Applin, C.S..... Pennsylvania  
Sibbensen, Albert Henry..... Nebraska  
Simpson, William 3rd., C.S..... Pennsylvania  
Smith, Harold Alexander..... Missouri  
Smith, James Monroe, Jr., C.S..... Louisiana  
Smoot, William Everett..... Illinois  
Soape, Frank, C.S..... Texas  
Springs, Elliott White..... South Carolina  
Stebbins, Francis Burgoyne, C.S..... Michigan  
Stentz, Robert Lee..... Iowa  
Stites, Samuel..... Kentucky  
Storer, Willis Daniel..... Illinois  
Stuart, Lyall Love, C.S..... Missouri  
Stull, Robert Alan..... Pennsylvania  
Swain, Roger Gorrell..... Indiana

Taber, Frank Harrison..... Indiana  
Tappan, Robert Edmund..... Arkansas  
Taylor, David Adams..... Ohio  
Taylor, James Morrison..... Michigan  
Taylor, John Wilson..... Michigan  
Tell, Carl John..... Wisconsin  
Thayer, Francis Wood..... Minnesota  
Theurer, Joseph George, C.S..... Illinois  
Thomas, Lawrence, Jr..... Ohio  
Thompson, Dwight Henry..... Kansas  
Thompson, Gordon Baer..... Indiana  
Tremaine, Burton Carl..... Ohio  
Trost, Irving Vaughn..... Alabama  
Tsai, Mo Chung..... China  
Tucker, Harland Wynn..... Oregon  
Tuley, Charles Brown..... Kentucky

Ulmer, Charles Henry..... Pennsylvania  
Unger, Noel George..... Indiana

Van Reed, John Harvey..... Indiana  
Veach, Thomas F..... Indiana  
Vedder, Sydney..... Illinois  
Vollrath, Jean Carl, C.S..... Wisconsin  
Voris, Edwin Francis, Jr., C.S..... Ohio

Wagner, Carl Richard..... Illinois  
Wagner, Newton Van de Veer..... Wisconsin  
Walther, Noel Sigmund..... Missouri  
Ward, George..... West Virginia  
Ward, Giles LaVerne..... Iowa  
Waterston, Roy Merling, C.S..... Ohio  
Watson, Arthur Pope..... Texas  
Wehman, Charles Gerhard..... Minnesota  
Wilde, Byder Wellington, Jr..... Pennsylvania  
Wilhelm, Whitney Eugene..... Missouri  
Williams, Allen Graves..... Ohio  
Williams, Richard Everard..... Colorado  
Williams, Roger..... Kentucky  
Wisecarver, George Sprague..... Pennsylvania  
Wright, Allyn Lee..... Wisconsin

Yates, Jack Shattuck..... Ohio

Zenner, Philip McKnight..... Ohio  
Zick, Joseph Mercer..... Missouri  
Zimmerman, Harry Alfred..... Ohio  
Zucker, Robert..... New York

The letters C.S. indicate Cavalry School cadet.





CADET OFFICERS 1910.

Selected from cadets who have served longest in the school and who have been most exemplary in conduct, and have shown especial ability to command.



CADET PETTY OFFICERS 1910

Selected from cadets who have served with credit one or more summers and who have shown especial aptitude for Naval and Military training.



# Cadet Officers and Petty Officers, 1911

## Cadet Junior Lieutenant and Adjutant

J. S. May

## Cadet Lieutenants

J. H. Van Reed

W. D. Storer

C. H. Boardman, Jr.

N. B. Brodhead

## Cadet Junior Lieutenants

W. O. Nelson

J. M. Davidson

C. F. Crome

## Cadet Ensigns

W. G. Heiner

H. A. Allendorf

K. C. Brown

M. P. Reed

## Cadet Ensign on Duty with the Hospital

J. H. Rinchart

## Cadet Ensign on Duty with the Band

D. H. Thompson

## Chief Petty Officer

C. J. Ruf

## Cadet Petty Officer of the First Class on Duty with the Band

J. W. Taylor

## Chief Petty Officer, Staff, in Charge of Issue

B. C. Tremaine

## Cadet Petty Officers of the First Class

P. W. Patterson  
O. B. Cardwell  
R. R. Richardson  
R. H. Ramsey

W. A. Kunkel, Jr.  
H. D. Saddler  
H. M. Pfeiffer

H. R. Harley  
L. Thomas, Jr.  
R. J. Paul

J. V. Beggs  
S. Broadwell  
G. D. Bridge

G. J. Bippus  
P. W. Rutledge  
N. G. Unger

H. E. Ritchie  
J. H. Earl  
H. W. Brown

## Cadet Petty Officers of the Second Class

P. M. Niederaur  
F. D. Gibson  
H. A. Boblett  
D. C. Marthinson  
J. M. Drake  
F. H. Taber

J. M. Taylor  
H. M. Hiller  
K. M. Kunkel  
A. M. Loveman  
J. M. Miller

H. R. Selby  
S. B. Rogers  
H. W. Tucker  
A. L. Wright  
E. R. Culver, Jr.

C. P. Bell  
O. A. Quigley  
D. S. Grones  
L. S. Orton  
J. M. Barrett

J. T. Ely  
J. R. Orton  
J. C. Redmon  
W. K. Landon  
R. E. Hatcher

R. C. Brown  
F. W. Thayer  
E. L. Broer  
S. B. Adams  
C. J. Tell

## Expert Signalmen

O. B. Cardwell

H. E. Ritchie

R. S. Fleet

## First Class Signalmen

J. J. Backman  
F. W. Tucker  
L. M. Lyons

H. M. Bowcock  
G. J. Bippus

K. M. Kunkel  
W. A. Kunkel, Jr.

## Second Class Signalmen

T. P. Campbell

W. S. Bundy

A. M. Loveman

N. W. Cline

## Third Class Signalmen

J. C. Redmon  
E. R. Culver  
J. M. Miller

W. O. Brice  
R. R. Richardson  
E. B. Juneau

J. S. May  
E. Marshall  
N. G. Unger

H. W. Brown  
R. M. Knox



#### MUSTER

The Legislature of the State of Indiana has honored the Culver Summer Naval School by passing a law authorizing the organization of the corps as the First Naval Battalion of the State of Indiana. The picture shows the '09 Battalion being mustered in by companies. This law gives added prestige and secures additional equipment and opportunities through the National Government, but places the cadet under no obligation to perform drill or other duties after the close of the school.





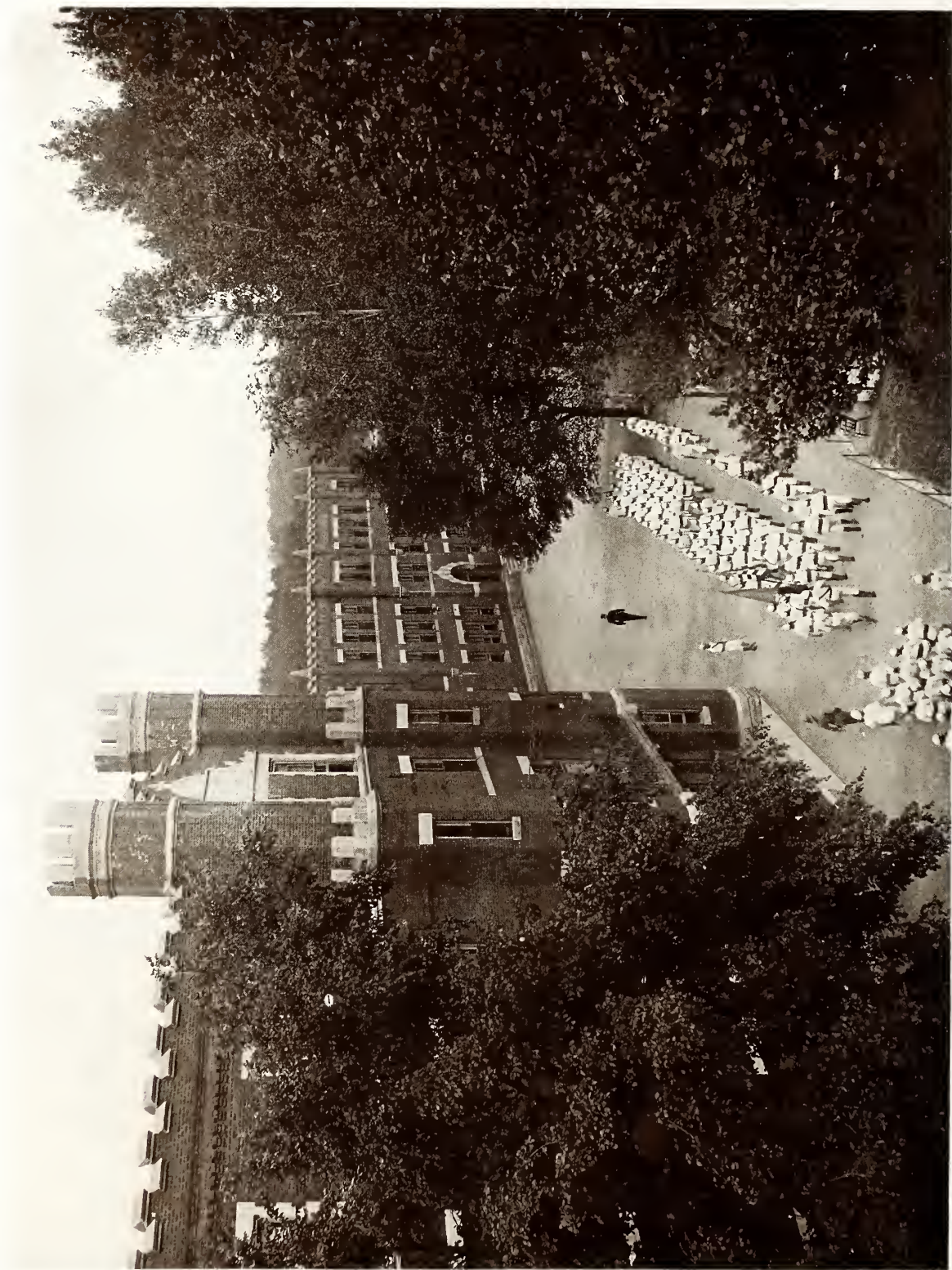
Combined review of Naval and Cavalry Schools showing the Cadet Band of about twenty pieces, Naval Battalion of Four Companies, and a Troop of Cavalry. In the background is the Academy's splendid Riding Hall, the largest and most complete of its kind in America; also the model camp. The Cavalry School is described in a separate catalogue which is sent on request.

**Requirements for Admission** Cadets are not accepted under fourteen years of age, or less than five feet two inches in height. No boy will be accepted who is not of excellent moral character. The applicant must furnish two references who are competent to give unbiased testimony of his character. The corps of cadets under authority from the Legislature of the State is organized as the "First Naval Battalion of Indiana." This law gives the corps added prestige, equipment, and opportunities, and, to meet the special requirements of the school, provides: that the battalion shall be under command of the Commandant of the School, that the term of enlistment shall be one year, so that the cadet is under no obligation to attend the school except for the one term, unless he so desires. A cadet entering the school, unless excused by previous request of parent for physical or other reason, enlists as above indicated and acquires the prestige of service recognized by the State and National Government.



SUNDAY SERVICES IN A COOL GROVE BY THE LAKE SHORE.





A GLIMPSE OF THE BARRACKS. CADETS MARCHING TO DRILL





## Location and Environment

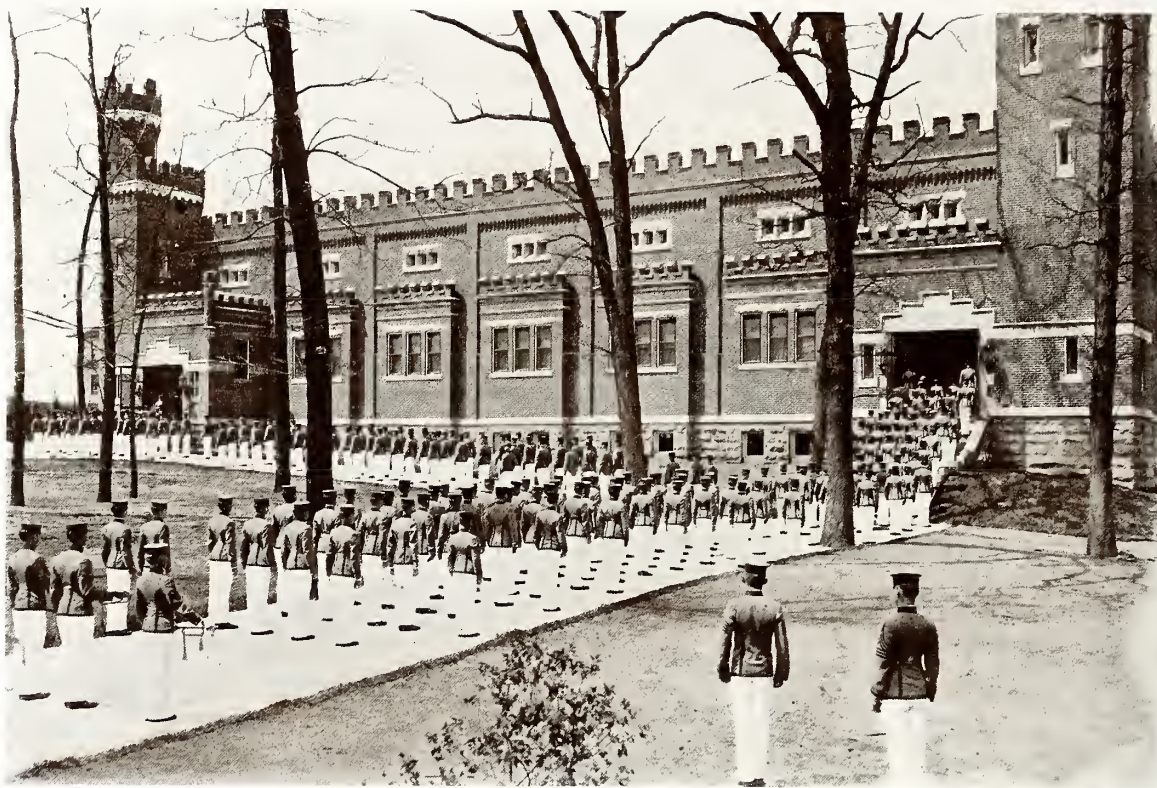
The school is located on Lake Maxinkuckee, in Northern Indiana. It is eighty miles from Chicago, and while of easy access from every section of the country, is far enough away from any town or city to be entirely free from their undesirable influences. The school is situated on the north shore of the lake, and is fanned by its cool breezes throughout the summer.

**The Grounds** The grounds comprise some three hundred acres, and afford the means and incentive for almost every outdoor sport. Within the school limits are athletic fields complete in every detail, cool groves of splendid forest trees, and broad green lawns with flowers and shrubbery, and sparkling fountains of deliciously cool artesian water. The outlook on every side is restful and pleasing.

**The Lake** Lake Maxinkuckee, on which the school is situated, is Indiana's most beautiful lake. Its shores are dotted with charming summer residences, owned and occupied during the season by cultured people of the neighboring cities. The lake covers an area of about twelve square miles, being abundantly large for the naval drills, and yet small enough for safe supervision. It is fed by springs, and its pure water, clean bottom of sand and gravel, and rolling, well-drained shores, confirm the statement of old residents that it is one of the healthiest spots in the United States. The United States Fish Commission maintains a station here, and keeps the lake well stocked with an abundance of game fish.

**Health** The healthy location, pure artesian water, regular hours, wholesome diet, the great abundance of open air exercise, and the watchfulness exercised over cadets in all matters affecting their health, insure remarkable freedom even from minor ailments. Should any cadet become indisposed, he is provided with every convenience and attention at the school hospital. This is a separate building of fireproof construction, built on the most modern sanitary plan, and completely equipped. The medical staff consists of an experienced physician and two trained nurses.





THE NEW MESS HALL

This building is believed to be the most beautiful and complete mess building in this country. Even the imposing exterior shown above gives but little idea of the great beauty of the interior. A magnificent vaulted ceiling covers a clear floor space of 90 x 150 feet. The walls are wainscoted with green and white marble. The woodwork is of mahogany, inlaid with ebony and holly, the floor is in mosaic of harmonizing colors. No description can give an adequate idea of this beautiful room. A large tile-lined kitchen, with the most modern equipment for the preparation and cooking of food, and the removal of waste, a bakery, preserving rooms, testing laboratory, and a \$15,000 cold storage plant are included in this equipment.



A Glimpse of the Lake and Grounds. Lake Maxinkuckee is Indiana's most beautiful lake. The school grounds skirt its north shore with an attractive expanse of shady groves and broad lawns, dotted with flowers and shrubbery and fountains of deliciously cool artesian water.





ATHLETIC SPORTS for the whole school and not for the few is one of the most valuable and unique features of the summer course. Regular class instruction under skillful coaches is afforded in all branches of athletics, in which the beginner and the cadet lacking in physical development are given as careful attention as those who are athletically inclined.

## The Buildings and Equipment

The living quarters, consisting of four handsome buildings, are well ventilated and cool. They are of the best fireproof construction, carrying no insurance, because absolutely guaranteed against danger from fire. They are equipped with modern sanitary plumbing, and are lighted by electricity.

The gymnasium, in structural excellence and completeness of equipment, is a model of its kind. Out-door exercise prevails in summer, yet the gymnasium affords a capital place for recreation on

rainy days and is used for boxing and dancing instruction, for special physical development requiring apparatus work, and for the weekly dances.

A complete and practical library of 4,000 carefully selected volumes, an attractive reading room, well equipped laboratories, drill hall, boathouse, barber- and tailor-shops, hospital, and armory, are the other features of the school's very complete equipment.

**Rooms** Cadets in barracks are quartered two in a room, each cadet being provided with a single iron bed. The rooms are light and airy, with large windows overlooking the lake or grounds. The furnishings are simple, but of excellent quality. A teacher is quartered in each hall and exercises over the cadets kindly and tactful supervision.

**Camp** A model camp of limited capacity is provided for those who prefer to live out of doors. The tents are of special construction and are dry and healthful. They are pitched on a well-drained hillside of sandy soil, have floors which are raised from the ground, are covered with a waterproof fly, with a 9 x 9 awning in front, are enclosed with wire screens, lighted by electricity, equipped with Gold Medal cots, mattresses, folding tables, locker, chairs, and hanging wardrobe. Shower baths and sanitary toilet conveniences are provided as in barracks. Applicants will be given the choice between barracks and camp until the camp is filled. This choice should be stated on the application.

**Cadet Mess** The school prides itself on its excellent fare. The best meats, vegetables, fruits, cereals, and pure country milk and cream are provided in abundance. The mess hall pictured on opposite page, is not only one of the most beautiful buildings in the world, but will probably stand for many years as a model in all that pertains to the preparation, preserving and cooking of food and the disposal of waste. The Messrs. Culver, who are owners of the Wrought Iron Range Company, and who have equipped the West Point kitchens and those of many of the finest hotels in this country, have devoted all the skill and genius of their great establishment to making this equipment the finest and most complete of its kind in the world.





OUTDOOR BASKET BALL

Cadets who are taking few or no studies, are permitted to substitute instruction in athletic sports for the regular classes of the forenoon periods but must report systematically each day. This work is under a competent coach.

**Duties and Privileges** The cadet rises at 6:00 A. M., and retires at 9:30 P. M. The retiring hour of cadets in attendance at the weekly dances or other special occasions is extended to 11:00 P. M. The forenoon is divided into periods for recitations and study and for certain practical instruction as outlined under the schedule of subjects. A portion of the afternoon is devoted to the naval drills and other out-door instruction, described in detail under the Naval Course. The remainder of the afternoon is spent at the cadet's option in various ways described further on in the catalogue under Athletics and Amusements. Cadets are not permitted to go beyond limits without a written pass. The granting of these passes and other special privileges is regulated according to the cadet's conduct grade. If so desired by parents, cadets are denied permission to go on the lake except when under the supervision of an officer, during boat drill. Otherwise cadets are allowed to go fishing or bathing during recreation by reporting departure and return to the officer of the day. Permission is denied if conditions are unsafe. The duties of the day are light, but must be performed with promptness and precision. The school requires of cadets neatness of person and of room, erectness of carriage, the observance of naval courtesy, purity of language, and abstinence from injurious habits or questionable amusements.



AN AQUATIC TUG OF WAR.





AN OUTDOOR CLASS

## Courses of Study

**Advantages of Summer Study** A little light study, systematically done each morning, does not interfere in the least with the resting and refreshing process of a boy's vacation. It rather lends zest to each day's pleasure. At the same time it keeps his mind in the habit of study, giving him a decided advantage when he resumes his regular school course, enables him to strengthen any weak points in his winter course of study, or to prepare

for entrance examinations to college, or to acquire information along special lines not covered in his regular school course. Possibly by special coaching in one or two subjects during the summer he may be enabled to advance a class and thus save a year in his education.

**Methods of Teaching** Each cadet receives daily the careful individual attention of the instructor. The lessons are brief, but thorough. The cadet gets hold of principles, and learns how to study. This alone is of great value to him. Except in special cases it is recommended that cadets take not more than two studies; however, four are permitted.

### Schedule of Subjects Offered and Average Time Required for Preparation and Recitation

To be Consulted in Selecting Subjects for a Cadet's Course

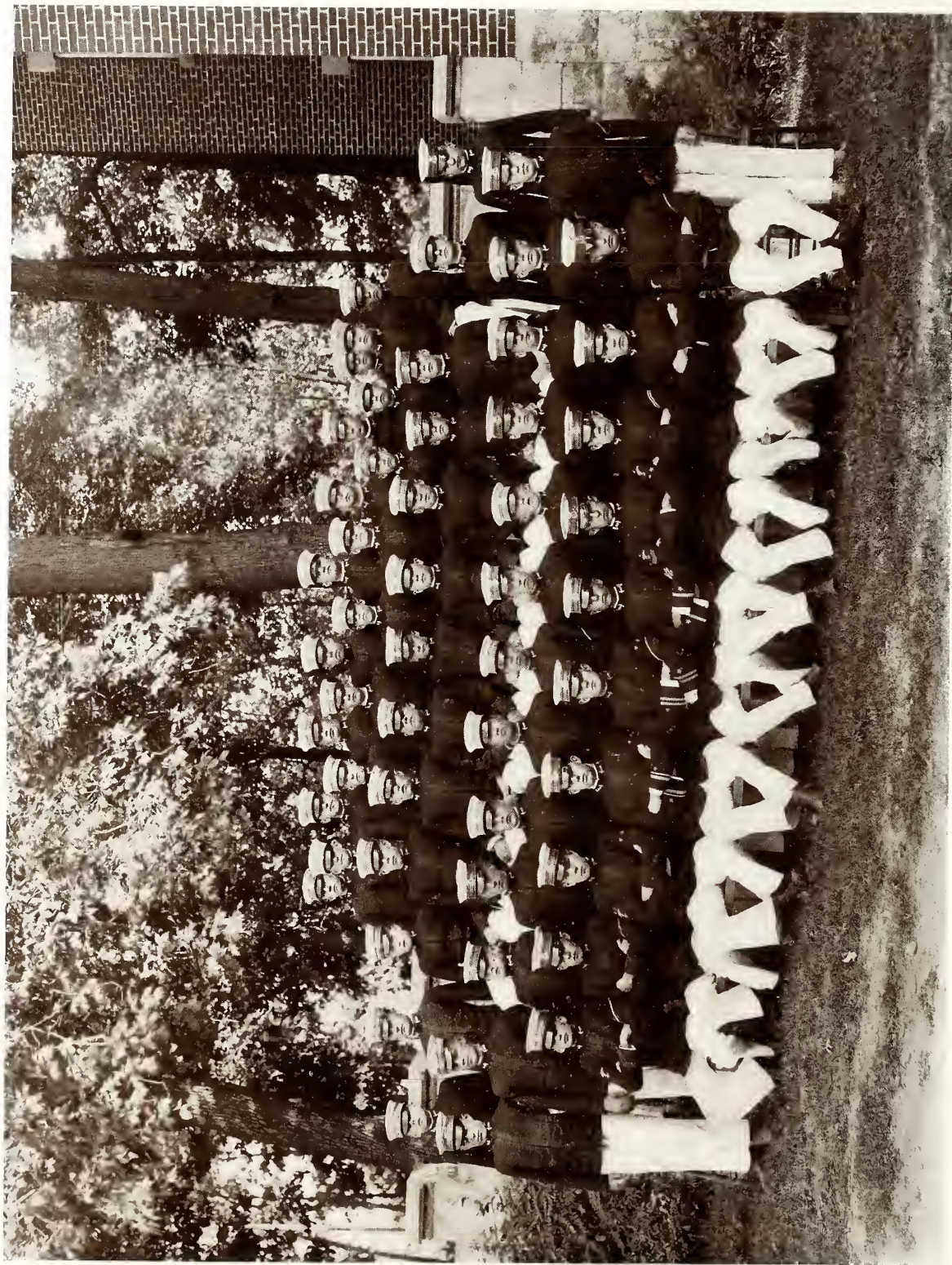
The forenoon from 8 to 12 is divided into periods of one-half hour each. One of these periods is occupied by shore drill which all cadets are required to attend. During the other periods opportunity is afforded for study or for recitation or instruction in the subjects given below. The average time required for both preparation and recitation is given for each subject and in selecting subjects as a rule not more should be taken than can be both prepared and recited during the forenoon. In cases where it is important to cover a considerable amount of ground night study is permissible, but is not in general recommended, the idea being to give the latter half of the day purely to outdoor exercise and relaxation.

**In Cases where the Parent Enters His Son Chiefly for the Physical Benefits of the course,** the morning programme may combine gymnastic or athletic instruction with one or two light subjects such as spelling, reading [there are few boys who would not profit by a little drill in these simple subjects] drawing, etc., or a schedule consisting entirely of out-door or gymnastic instruction may be selected. In this way those not wishing to study may spend as many periods out of doors in the forenoon as desired, [periods not specifically



CHEMICAL LABORATORY  
Biological and Physical Laboratories and Drafting room  
are also provided.





THE THIRD COMPANY

This company is wearing the dress uniform which is used for parades, dances, and other formal military and social occasions.





A SANITARY DRINKING FOUNTAIN

The supply for these fountains is furnished by the natural pressure of artesian wells and is deliciously cool even in the warmest weather. All of the water used by the school is from this pure and safe source.

designated for outdoor work are spent in barracks.] Outdoor periods must be definitely entered on cadets' programmes and systematically observed each day in order that these cadets may be properly accounted for, and that the idea of system and regularity may pervade the prescribed portions of the day. If desired, the parent may leave the apportionment of time to the judgment of the headmaster after consultation with the boy.

In this schedule all "A" subjects require an average of one hour for preparation and one-half hour for recitation. "B" subjects require two hours for preparation and one hour for recitation. Where "B" subjects are identical with "A" subjects it is contemplated that twice as much ground

is to be covered. "C" subjects, of course, require no time for preparation.

**"A" Subjects** [one and one-half hours] Arithmetic, Algebra, Geometry, Trigonometry, English Grammar, English Composition, Rhetoric, American Literature, English Literature, Special Reading Course in Fiction, Bookkeeping, Business Principles, Botany, Zoology, Physics, Chemistry, United States History, Greek History, Roman History, English History, Modern History, Civics, Civil Government, Navigation, Beginner's Latin, Caesar, Beginner's German, French and Spanish, Advanced German, French and Spanish.

**"B" Subjects** [two recitations per day; three hours], Arithmetic, Algebra, Geometry, Literature, Physics, United States History, Beginner's Latin, Caesar, Cicero, Virgil, Greek, and Beginner's German.

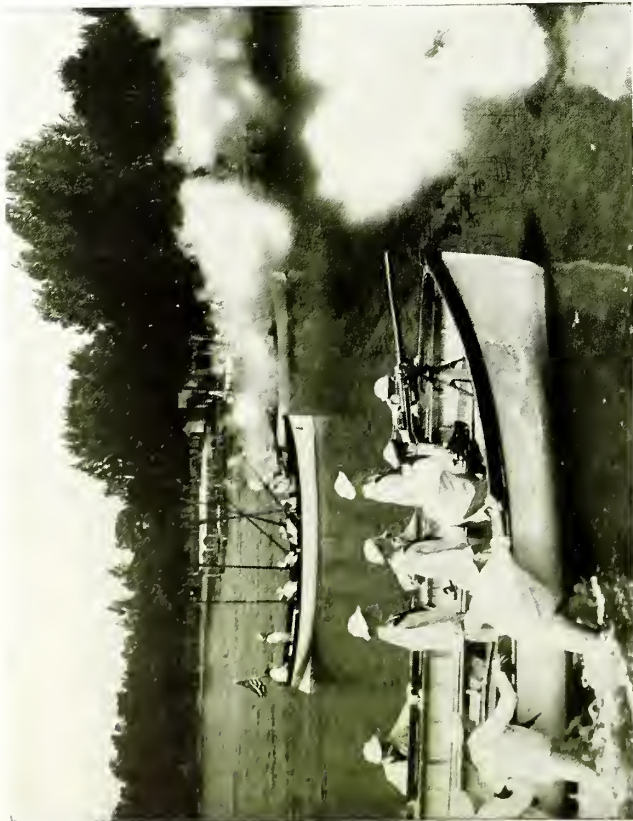
**"C" Subjects** [one-half hour], Writing, Physical Drill [to improve carriage or to secure special development], Seamanship, Boxing, Dancing, Reading and Typewriting.

**"D" Subjects** [one hour], Spelling, Mechanical Drawing, and Public Speaking. Instructions in any out-door game or form of athletics.

**Special Laboratory Work** The chemical, physical, and biological laboratories of the school are large and splendidly equipped. They offer an exceptional opportunity for interesting experimental work, either to the advanced student or to the cadet who has just begun, or expects shortly to take up these subjects. For the former in chemistry, a brief but comprehensive course in qualitative analysis is arranged. The courses in botany and zoology may be most advantageously pursued during the summer season, and especially on Lake Maxinkuckee, which is acknowledged by scientists to afford a model and most interesting field for biological work of all sorts.

**Special Course in Business Principles** Most boys know very little of even the elementary principles of business; yet a knowledge of these fundamentals is of great value to every one, and is indispensable to those who contemplate going directly from school into commercial work. Many parents will feel that their sons could not spend eight weeks more profitably than in remedying this deficiency. The course in general comprises study and practice in the following subjects: Commercial Papers, Business Correspondence, and





Making the Landing.



Battery Firing at Cutters as they approach the shore.



A LANDING DRILL AND SKIRMISH ON SHORE

This is an interesting drill. The attack on a supposed or represented enemy on shore is started with the Hotchkiss guns at long distance; the cutters meanwhile are rowed rapidly towards the land. As the keels touch bottom, the crews toss and beat their oars, spring overboard and rush the lightened cutters on the beach. The cadets then grasp their rifles from the thwarts and extend in skirmish line for the engagement on shore.



the Fundamental Principles of Bookkeeping. Special instruction may be had in Stenography, Penmanship, and Typewriting.

**Course in Reading** For cadets entering the school chiefly for the physical features and who may not wish to take any of the subjects outlined in the regular courses, a course of reading under the Instructor of English is suggested. The academy library offers unusual facilities. Such a course should give any boy a fair start in the valuable habit of good reading.

Two courses are provided, one in English Fiction and one in American Fiction. Each course will cover five or six standard works. The instructor will meet daily the cadets taking this course, and talk with them about their reading. Each cadet will be expected to make himself familiar with the life of at least one of the authors studied. As much related historical and literary matter as is possible will be read.

**Religious Influences** The school is non-sectarian. A high moral tone prevails. All cadets are required to attend Sunday services in the school chapel, and eminent ministers of various denominations are invited to address them.

**Physical Development** The best physical results are gained from out-door exercise that has in it a keen element of interest. Culver Naval School fulfills this condition both in its great variety of attractive open air sports and in its required drills. Rowing and swimming are exercises of the best type, and the cadet indulges in both daily. The cadet is physically examined on entrance to determine his peculiar needs, and is again measured at the end of the term to show his improvement. In nearly every case there is a remarkable gain, and this by cadets who have always been accustomed to taking a great deal of exercise, as well as by those who have not previously been athletically inclined.



Shoving off after the skirmish on shore.





AUBENAUBEE BAY. CUTTERS AT DRILL



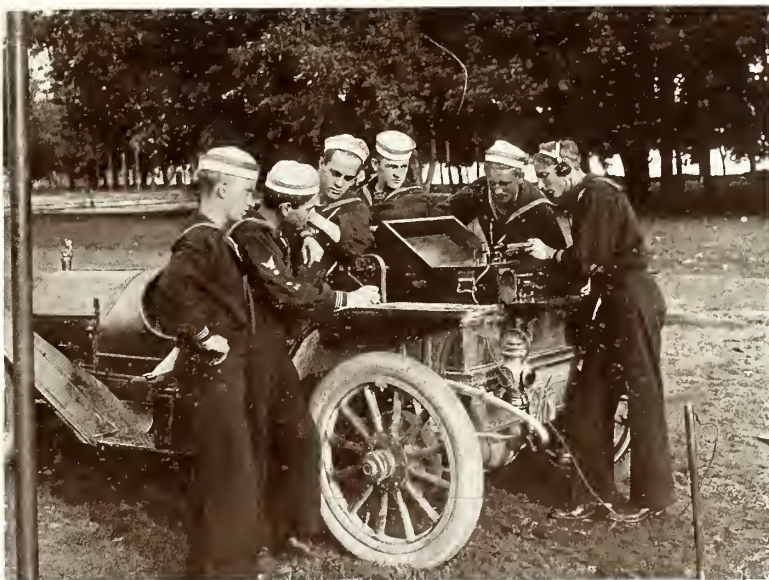


A TRACK MEET

This snap shot was taken during a meet with the Studebaker Club, of South Bend, Indiana. Outdoor athletics of every sort are encouraged and opportunity for coaching is afforded to every cadet from the youngest beginner to the trained athlete and is not limited to the school team as is so often done.

Espeecial attention is paid to the correction of round shoulders and deficient chest development. The following is an average gain in the eight weeks computed from the measurements of all eadets of one term: Gain in capacity of lungs, 14.66 c. c.; in strength of grip, 3.2 pounds; in strength of bicep, 15 pounds; of triceps, 15.78 pounds; of legs, 21.96 pounds. A special course of exercise for the correction of poor carriage, or for needed physical development is given by an experienced physical director.

**Instruction in Dancing** Ease of manner and pleasing address have their value in the place of business as well as in the drawing room. The following course has been arranged for all cadets and is given under an instructor of national reputation: Instruction in correct social deportment, corrective exercise to secure graceful carriage, twelve lessons in dancing.



WIRELESS TELEGRAPHY

Drill with portable equipment. One of the many interesting features of the summer course

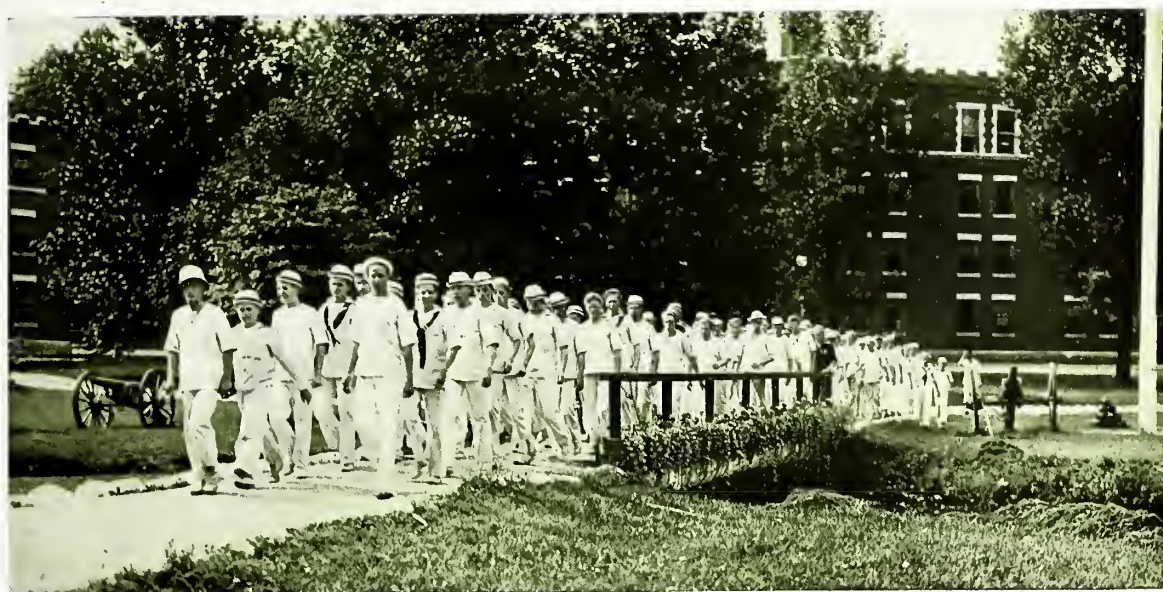




CUTTER DRILL UNDER OARS

"As a matter of fact, the only spot at present where you will find the combination of Jackie and schoolboy is on an inland lake in a Western State, on Lake Maxinkuckee, at Culver, Indiana. Nor is even this an all-year-round affair; but a summer school that contents itself with a brief eight weeks session, in which man-of-war cutters play a more prominent part than classrooms. But despite its briefness, it is a session which amply justifies itself by the wealth of refreshment it affords the tired schoolboy."—The Scientific American, May 6, 1905.





MARCHING TO THE PIER FOR BOAT DRILL

## Naval Instruction

**Value of the Course** For the purpose of the school the naval course is primarily of value in that it has every requisite of a successful outing; it makes a strong appeal to a boy's natural interests, teaches him to be at home on the water, and affords him an unequalled source of wholesome refreshment and physical benefit. The course, moreover, is not make-believe in any sense, but is practical enough to enable a cadet, should he so desire, to qualify himself in three or four summers to become a master of a vessel. A graduate should also be competent to serve his country as an officer of its volunteer naval forces should occasion arise.

To the majority, however, the value of the course lies in the immediate physical results, and in the valuable lessons imparted even in eight weeks in precision, self-control and obedience, and in the good carriage, and alert and self-confident, yet respectful bearing, that so many young boys lack and which are acquired by the strict observance of the rules of naval courtesy and through the potent influence of the *esprit de corps* existing in military and naval schools of high standard.

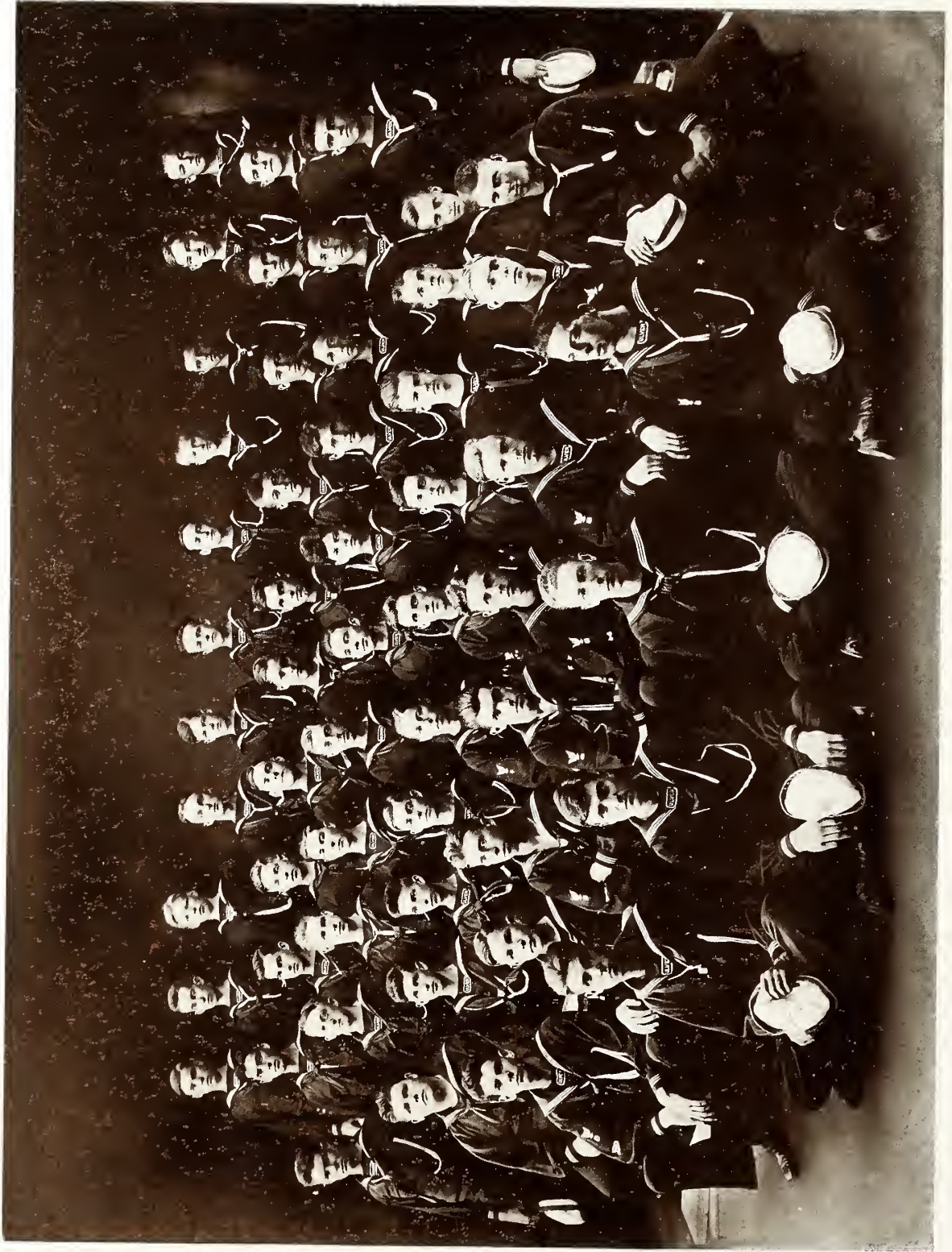
**Equipment from the United States Government** The Navy Department, under authority from Congress

has issued to the Culver Summer Naval School fourteen fully equipped man-of-war cutters. These boats are 28 feet in length, and are each fitted with two masts and accompanying sails. The masts can be shipped or unshipped. The boat, being provided in addition to its sails with ten oars, is converted at will from a sail boat to a row boat. These boats are the counter-parts of those used in similar instruction of naval cadets at Annapolis.



THE INSTRUCTOR'S LAUNCH





THE FOURTH COMPANY



**Recognition  
from the  
State**

Each summer the cadet battalion covers substantially the same course of training as that given the Naval Reserves of the various states. In recognition of this fact and of the efficiency of the work done by the cadets, the Legislature of the State of Indiana has passed a law under which the cadet battalion is organized as the First Naval Battalion of the State of Indiana. Under this law the cadet corps, besides equipment issued to it as a school by the National Government, receives the additional equipment issued to the Naval Reserves. The officers of the school are commissioned by the Governor and cadet officers by the Commandant of the School under authority of the governor.

**Safety of  
Cutters**

It may be reassuring to parents to know that these boats are strong and commodious, built with very broad beams and free from danger of capsizing in any kind of weather, so that entirely inexperienced boys may be taught in them with perfect safety the art of managing boats under oars and sails. An experienced instructor is always in charge of the crews.

**Motor Boat  
Drill**

The school has added to its equipment, four of the latest model, high power motor boats. The hulls are built according to designs obtained from the Navy Department and are equipped with Truscott four cycle, four cylinder, twenty horse power engines. These afford interesting instruction to the cadets in the running of the modern gas engine and the handling of power boats.



**SIGNAL DRILL**

On the mast are shown the flag signals and the lights of the Ardois system. The cadets to the left are signalling by hand semaphore. Mechanical semaphore signals have also been added to the equipment since this picture was taken.





#### POWER BOAT DRILL

The Academy has provided four launches of this type in which cadets are afforded careful instruction in the nomenclature and management of gas engines and the handling of power boats under way, both singly and in fleet formation



#### WALL SCALING

A good form of gymnastics as well as an interesting drill.





## Boat Drill

A portion of each afternoon is devoted to boat drills, conducted in strict accord with United States naval practice. The

cutters are handled alternately under oars and under sail, sometimes singly and again in formation, maneuvering in response to signals from the flag-boat, as vessels of war would respond to signals from the flagship. Gun drill and target practice are given with Hotchkiss rapid fire guns, one being mounted in the bow of each cutter.

*Course for First Year Cadets*—Required: In their first summer all cadets will be instructed in sailing, rowing, and marlinspike seamanship, which includes the preservation of ropes and the making of knots and splices used in the sailor's vocation. They will also be instructed in the landing force and small arms regulations, semaphore alphabet and customs and courtesies of United States Naval service.

Optional: 1. Small arms target practice. 2. Signalling, including wig wag, semaphore and general signals.

*Course for Second Year Cadets*—Cutter drill, under oars, and sail three afternoons per week. Power boat drill two afternoons per week. Instruction in landing and small arms regulations three forenoons per week. Instruction in field artillery drill with 3-inch pieces two forenoons per week. Instruction in lights, beacons, buoys and other aids to navigation; the rules of the road; elementary instruction in use of compass. Instruction as coxswains daily during 6th and 7th periods until permanent selection and appointment of petty officers. Optional: Wireless telegraphy, mechanical semaphore, Ardois signals, small arms target practice, bluejackets' manual.

*Course for Third Year Cadets*—Drill under oars and sail three afternoons per week. Instruction as coxswains of power boats and in gas engine construction two afternoons per week. Instruction in landing force and small arms regulations three forenoon drills per week. Instruction in 4-inch and Hotchkiss rapid fire gun drill two forenoon drills a week. Taking of bearings and soundings. Optional: Wireless construction, navigation, bluejackets' manual, hints for junior officers.

Cadets who have satisfactorily completed the three summers and who are graduates of the Culver Military Academy or of any other approved secondary school, and who in addition have acquired proficiency in the following optional courses will be granted a certificate of graduation and their names will be reported to the Navy Department as efficient material for volunteer officers: Signalling, wig wag, semaphore, Ardois, general. Small arms target practice—Credit given for course in winter school.

**Navigation** Use of sextant and chronometer; elementary compass corrections; rating of chronometers, adjustments of sextant; finding of a ship's position at sea by Sumner's method, nomenclature of ship, etc. Bluejackets' manual; hints for junior officers.

**Cadets from Distant Points** All sections of the country are represented in the enrollment of the school. Cadets come from both Atlantic and Pacific coasts, and each summer in an increasing number from the southern states, parents in the south finding that they cannot do better for their sons than to send them into a more bracing climate for the summer, under the





A CUTTER UNDER SAIL

"If every boy could have a judicious course of sailing for himself, his powers of observation and action in an emergency would be greatly benefitted."—*Editorial on Sailing—Chicago Tribune*. The cutters are ideal boats in which to give this "course of sailing," broad-beamed and safe, everything done by command, and every cadet carefully instructed in every detail of the art.





IN THE PIT

The Culver Rifle Range is probably the best and most completely equipped range afforded by any private school in the United States.

favorable conditions existing at Culver. The broadening influence of this intermingling of boys from widely separated localities is in itself not the least amongst the advantages offered by the school. Parents who are going abroad or who contemplate other plans necessitating separation from their children during the summer may place them at Culver with the comfortable assurance that they will be as well cared for as if they were in their own homes.

### Rifle Practice and Record of Culver Summer Naval School Team, Summer 1911

We are no longer a nation of riflemen. The average citizen knows nothing of the modern high power rifle and the delicate art of adjusting it at the long ranges to varying conditions of light, windage, and temperature. Every boy, therefore, who is taught to fire with accuracy is not only benefitted by the training of his eye and the cultivation of judgment and patience, but at once becomes an additional safeguard of the peace of the nation.

Practice is given to all cadets. A special course for cadets desiring additional instruction in rifle practice is given as follows: Slow and rapid fire at 200 and 300 yards. Slow fire at 500, 600, 800 and 1,000 yards. Practice in skirmish-firing as prescribed in the new Small Arms Firing Regulations U. S. A. During the past year one new target carrier was installed, making four in all. One target will be assigned to each division. Practice for beginners will be held on the sub-target machine. Competitions with teams from the National Guard are held during the summer.

Medals are given for the first three places in the Individual Championship Match which is held about the middle of the term. This match is open to all cadets of both naval and cavalry schools and is held under the following conditions: One skirmish run of 20 shots. Rapid fire at 200 yards. Slow fire at 200, 600 and 1,000 yards. Last year's team attended the Indiana National Guard Matches held at Fort Benjamin Harrison, Indiana.

### Medal Winners in Rifle and Pistol Competition

#### School Championship Range

Highest Individual Score, B. C. Tremaine, Gold Medal.  
Second Individual Score, D. S. Grones, Silver Medal.  
Third Individual Score, J. H. Harley, Bronze Medal.

#### Gallery Championship, Senior

First, O. B. Cardwell, Silver Medal Second, B. C. Tremaine, Bronze Medal

#### Gallery Championship, Junior

First R. H. Ristine, Silver Medal.  
Second, S. R. Howe, Bronze Medal, C. S.

#### Experts' Badges

J. H. Harley, O. B. Cardwell, D. S. Grones, P. W. Patterson

#### Sharpshooters' Badges

F. D. Gibson, A. G. Bancker, A. P. Watson, B. C. Tremaine

#### Marksmens' Bars

J. F. Askew, Jr., C. S. R. H. Ristine G. C. Nurney  
C. P. Bell A. M. Loveman J. P. Moore, C. S.

#### First Class

N. C. Schlemmer, R. Robertson, C. Jefferson, T. E. Mount

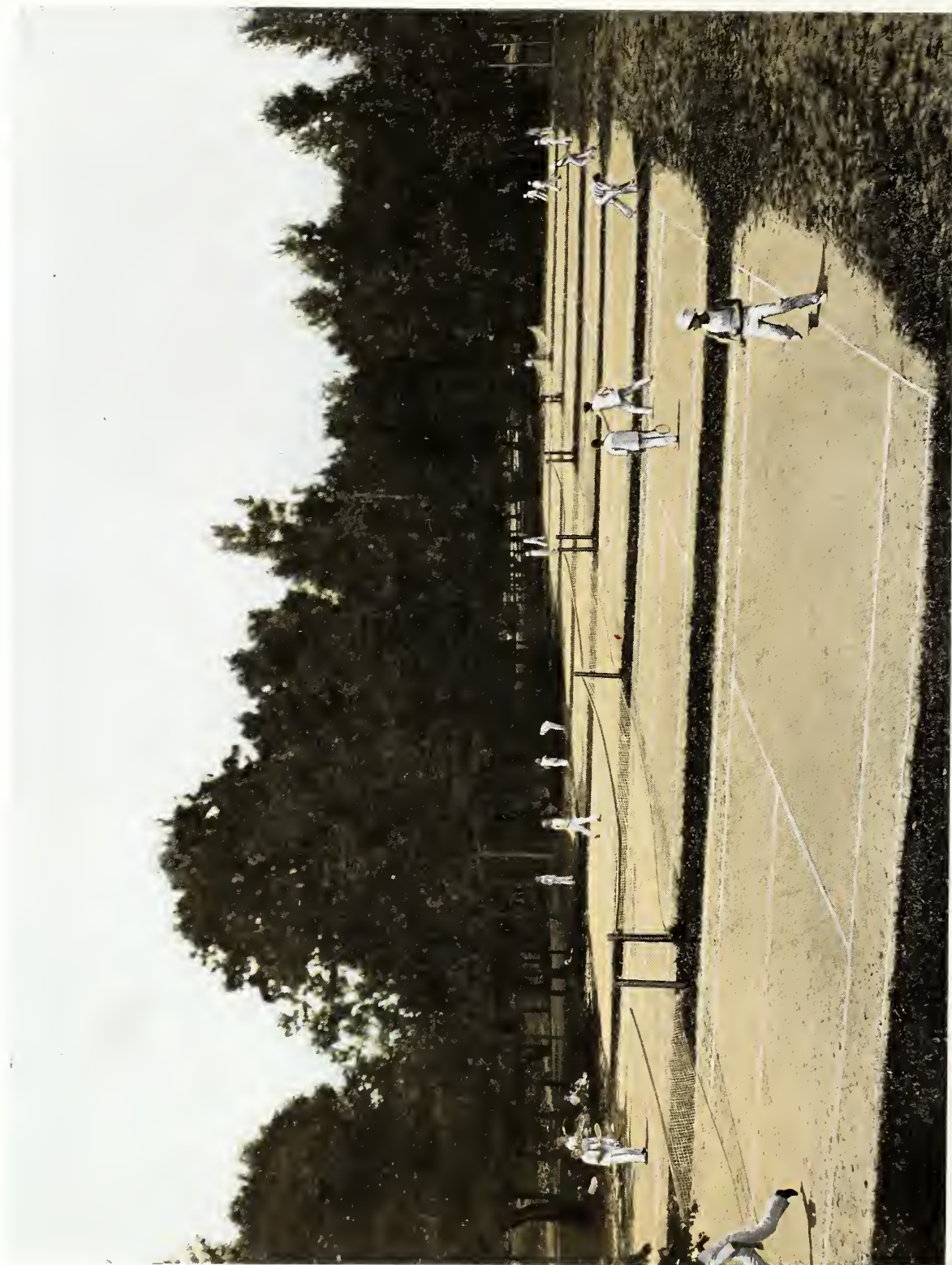
#### Culver Range Records

200 yards, slow fire....44	800 yards, slow fire.....49
300 yards, slow fire....47	1000 yards, slow fire.....44
500 yards, slow fire....49	Skirmish [1909].....93
600 yards, slow fire....47	200 yards, rapid fire.....47

CADETS  
FIRING  
AT 500  
YARDS







#### THE TENNIS COURTS

Seven well kept clay courts are provided for the use of cadets.





Proficient Cadet

Honor Cadet

Distinguished Cadet

## Tuxis System

This system was used for the past two summers with marked success. Unlike most school systems of award, it does not give prizes to the boy who makes a fine record in some one thing, for which he already has talent, but on the contrary rewards the boy for gaining those things which are necessary to his all-round development.

In order to win a Tuxis ornament, the cadet must get a certain number of credits in every phase of his school training,—athletic, academic, aquatic, military. These credits or points are gained through certain tests. He need not be a star in any one of these things, but he must reach a certain standard in all. The system gives the means of reaching the standard as well as the incentive. It shows the boy how he measures up with his fellows in a general test, and enables him to gain the things which he lacks.

A booklet giving all of the tests and points required is issued Cadets on entrance.

### Winners of the Tuxis Emblems During the Season of 1911

#### Proficient

Elliot Marshall, Jr.	C. B. Tuley	G. S. Wisecarver	R. A. Morrow	W. O. Brice, Jr.	H. K. Brown	D. C. Jones
R. H. Ramsey	J. S. Yates	C. B. Barnes	R. G. Swain	E. Luehr	T. G. Harrison	B. C. Tremaine
P. M. Zenner	W. H. Hauck	A. C. Gillett	F. P. Randall	E. A. Markley	J. H. S. Olds	A. L. Johnson
J. H. Sharp	T. S. Brush	J. W. Ramsey, Jr.	B. W. Wilde, Jr.	W. D. Storer	C. J. Plummer	F. A. Hager
M. S. Riegler	W. R. Biggs	G. H. McNulty	T. E. Mount	R. J. Paul	R. C. Dunkelberg	J. F. Havice
R. C. Dunkelberg	T. P. Campbell	A. P. Watson	P. W. Rutledge	C. K. Coburn	H. S. Kiggins	D. C. Hawley
J. H. Shanard	H. A. Hurley	J. R. Orton	E. T. Knowlson	R. J. Griffith	C. R. Wagner	G. D. Cherry
F. W. Thayer	H. A. Zimmerman	L. Arnold	W. W. McKelvey	C. H. Boardman, Jr.	E. A. Hyman	E. W. Mason, c
G. E. Roth	C. R. Richardson	E. B. Juneau	J. F. Lilley	R. E. Hatcher, Jr.	C. W. Campbell	L. S. Orton
H. B. Feldman	H. S. Bent	C. B. Christie	R. R. Richardson	L. B. Griffith, c	M. Nesbit	G. W. Mattern, c
R. Zucker	R. Robertson	C. R. Shear	H. N. Androus	L. H. Richards	M. Brown	M. W. Freund
R. E. Williams	R. G. Swain	R. H. Chamberlain	B. M. Eagle	N. C. Schlemmer	E. W. Springs	C. F. Henning
T. H. Parke	W. A. Richards	R. Williams	H. M. Bowcock	N. W. Cline	N. S. Walther	C. F. Crome
H. Maas	M. Irwin	A. H. Sibbersen	A. M. Baehr	J. S. Palmer	T. E. Davey, Jr.	E. S. Hayes
M. H. Fulton	A. A. Guettel	A. G. Williams	H. M. Hiller	S. Edwards, Jr.	R. L. Garner	J. K. Block
B. H. Hall	I. V. Trost	A. D. Hamilton	J. H. Rinehart	R. L. Boies	L. W. Cherry, Jr.	N. V. Wagner
H. P. Brown	O. Mohs	G. C. Nurney	J. G. McHugh	C. N. Ladd	J. I. Bell	D. A. Taylor
S. Vedder	L. Broadwell	C. A. Dunkelberg	M. C. Tsai	T. G. Bancker	S. Stites	L. Thomas, Jr.
R. H. Ristine	R. E. Tappan	R. S. Fleet	C. Latham	J. H. G. Reilly, c	T. H. Orndoff	E. V. Halbert
Y. S. Chun	H. O. Goulding	S. L. Hydeman	J. C. Scruggs	T. F. Veach	B. M. Nyce	
C. Jefferson	G. Ward					

#### Distinguished

J. M. Barrett, Jr.	T. P. Campbell	S. L. Hydeman
J. G. McHugh	W. A. Richards	H. K. Brown
A. G. Bancker	J. H. Sharp	C. R. Wagner
M. Irwin	R. H. Chamberlain	A. C. Gillett
O. Mohs	R. E. Tappan	B. H. Hall
R. L. Garner	R. Williams	C. H. Boardman Jr.
R. C. Dunkelberg	A. G. Williams	J. W. Ramsey, Jr.
G. J. Bippus	R. G. Swain	G. E. Roth
R. J. Paul	J. F. Lilley	R. Zucker
M. Braun	H. W. Brown	J. K. Block
W. H. Hauck	R. H. Ramsey	T. H. Parke
R. R. Richardson	Elliot Marshall, Jr.	G. C. Nurney
B. M. Eagle	D. C. Jones	L. Thomas, Jr.
C. P. Bell	J. S. Palmer	C. R. Shear
C. H. McNulty	M. H. Fulton	L. W. Cherry, Jr.
J. H. S. Olds	M. S. Walther	J. H. Rinehart
H. M. Bowcock	G. Ward	C. R. Richardson
C. B. Christie	M. Nesbit	J. C. Keldson
R. E. Hatcher, Jr.	H. P. Brown	N. W. Cline
C. F. Crome	B. W. Wilde, Jr.	J. M. Taylor
A. M. Baehr	W. W. McKelvey	
S. Broadwell, Jr.	J. H. Shanard	

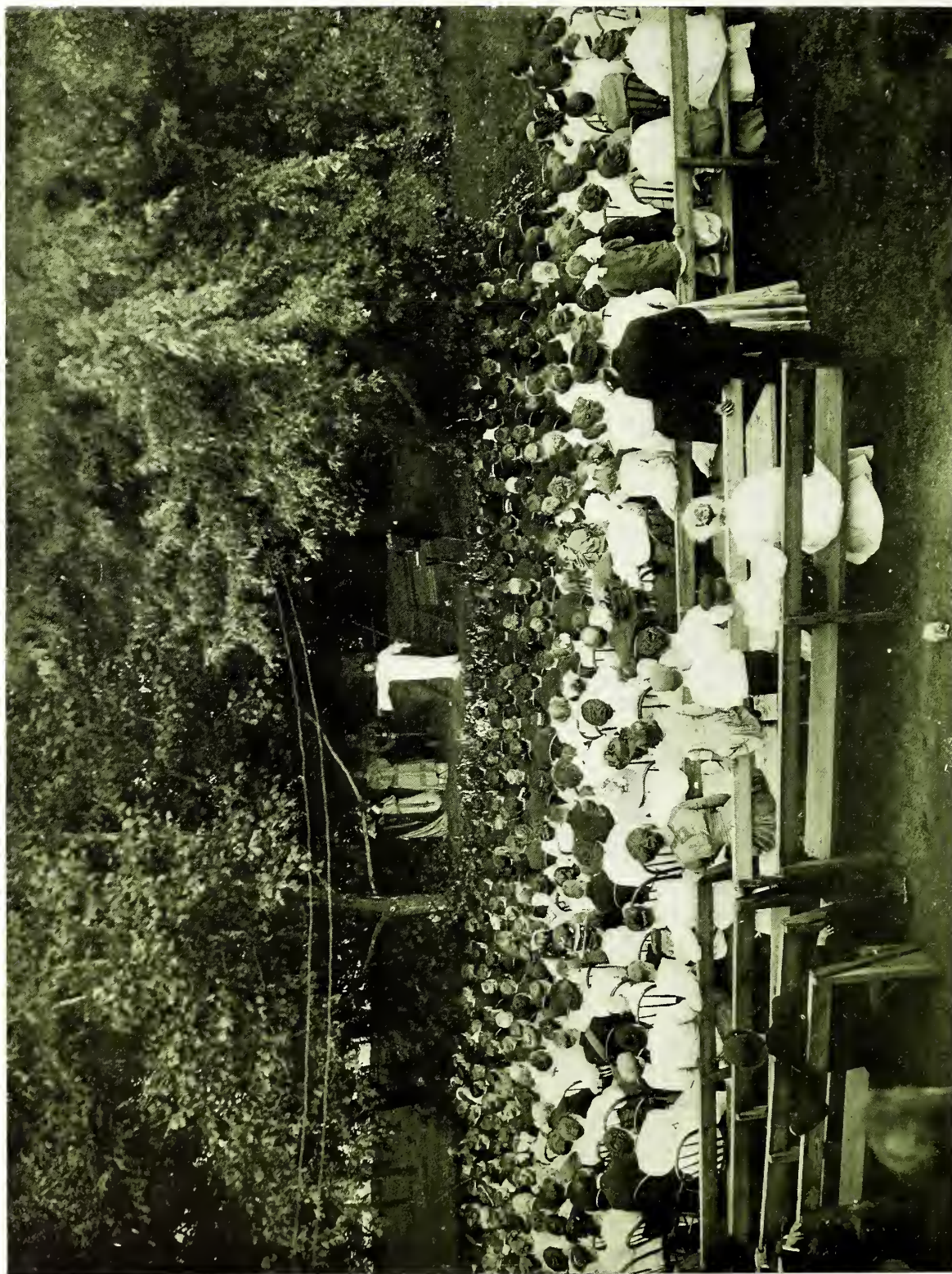
#### Honor

H. A. Smith	W. O. Nelson	R. R. Richardson	J. C. Redmon	R. H. Ramsey
A. M. Loveman	J. M. Miller	E. W. Springs	J. H. Sharp	B. C. Tremaine
L. Broadwell	L. S. Orton	J. S. Palmer	J. S. Yates	Elliot Marshall, Jr.
H. W. Brown	T. G. Harrison	J. W. Ramsey, Jr.	R. E. Tappan	R. L. Garner
F. P. Randall	B. W. Wilde, Jr.	C. H. Boardman Jr.	M. Irwin	H. M. Bowcock
C. P. Bell	T. E. Davey, Jr.	L. Thomas, Jr.	A. G. Williams	P. W. Rutledge
M. Nesbit	A. C. Gillette	T. P. Campbell	R. C. Dunkelberg	D. S. Grones
P. M. Niederaur	C. F. Crome	J. H. Rinehart	R. G. Swain	G. J. Bippus
A. M. Baehr	W. D. Storer	C. W. Campbell	G. S. Wisecarver	T. E. Mount
R. E. Williams	J. K. Block	J. M. Taylor	C. A. Dunkelberg	J. M. Barrett, Jr.
S. B. Adams	S. L. Hydeman	J. M. Zick	B. M. Eagle	J. H. S. Olds
A. G. Bancker	R. S. Fleet	N. W. Cline	R. J. Paul	C. R. Wagner
W. W. McKelvey	C. K. Coburn	D. C. Jones	M. T. Miller	L. Lyons



The Boxing Class





AN OPEN AIR PERFORMANCE BY THE FAMOUS BEN GREET PLAYERS

This excellent company presented at Culver last summer "She Stoops to Conquer" and "The Merchant of Venice." The modern revival of the latter was first made by Mr. Ben Greet's Company under the auspices of the Elizabethan Stage Society of London and later brought to America. The school considers these plays one of the educational features of the session and was gratified to note the evident enjoyment and appreciation on the part of the cadets of both the literary and artistic quality of the performances.





A SWIMMING CLASS  
Showing method of suspending beginners while learning stroke

**Swimming Instruction** Every cadet is taught to swim under an experienced instructor, who has been in the school since the beginning and has never failed in the course of eight weeks to make a cadet proficient in swimming. Cadets who already know how to swim are taught to improve their stroke

**Absence of Hazing** Hazing is not tolerated. A strong sentiment against the practice is cultivated in the corps of cadets. The few who may not be amenable to this in-

fluence are deterred for the most part by the vigilance of the officers and by the knowledge that if detected in any form of hazing whatever they will be promptly dismissed. The result is that few schools, if any, can frankly lay claim to greater freedom from this practice.

**Lectures and Entertainments** An attractive and instructive feature of the summer course is provided in the weekly lectures and entertainments. Lectures that are of a purely instructive character will be given in the morning academic period, and in the evening, only those that are more entertaining in character or intended purely as an amusement.

The early printing of the catalogue prevents a full announcement herein. This will be made later in a special printed programme. The range and distinguished character of this feature of the summer course, however, is indicated by last summer's programme, which included such distinguished men as Rear Admiral Ross, U. S. N., and Mr. Ernest Thompson Seton, and such entertainments as the Ben Greet Open Air Players, Wm. Sterling Battis, famous impersonator of Dickens' characters, M. R. C. Knowles' illustrated lecture, Old Worlds through New Eyes, etc. The programme for the coming summer will be of equal interest.

Half-hour talks from members of the Faculty on such subjects as Shall I go to College, Suggestions for a Systematic Course of Reading, The Advantage of Studying Modern Languages, The Value of the Study of Mathematics, etc., will be given occasionally during the forenoon periods.



THE SWIMMING PIER STAFF

The safety of cadets and their careful instruction in this department is insured by the competent oversight of these three experienced men. Pier Officer, Director of Aquatics and Instructor of Swimming, and Assistant Instructor.





ONE OF THE SUMMER SCHOOL DANCES  
A pleasant social event of weekly occurrence.





THE BAND

An excellent band is organized each summer with a nucleus of professional musicians, and provides music for military ceremonies, dances, etc. Several scholarships are offered to boys who are thoroughly competent musicians.

trees once per week. Dances are given in the gymnasium on each Wednesday evening. To these are invited the friends of the cadets and the residents of the charming summer homes about the lake. These dances prove the source of a great deal of enjoyment, and while cadets are not required to attend them, they are encouraged to do so, as it is believed that participation in these social amusements is valuable in giving them that ease of manner and modest self-confidence which will mean so much to them in after life.

Cadets are given frequent opportunities to take their friends for pleasure sails in the cutters.

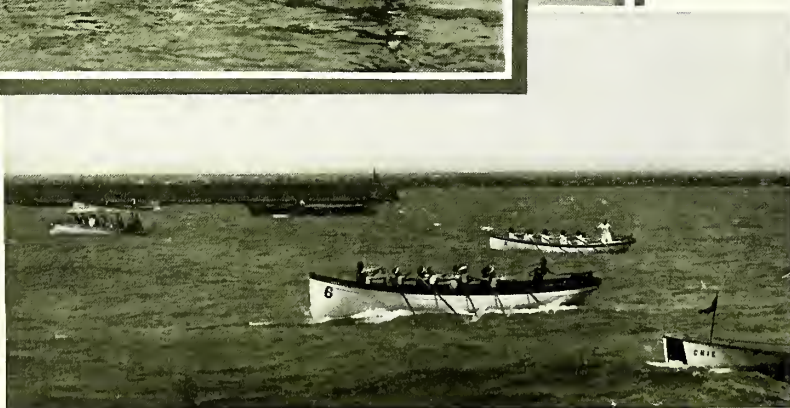
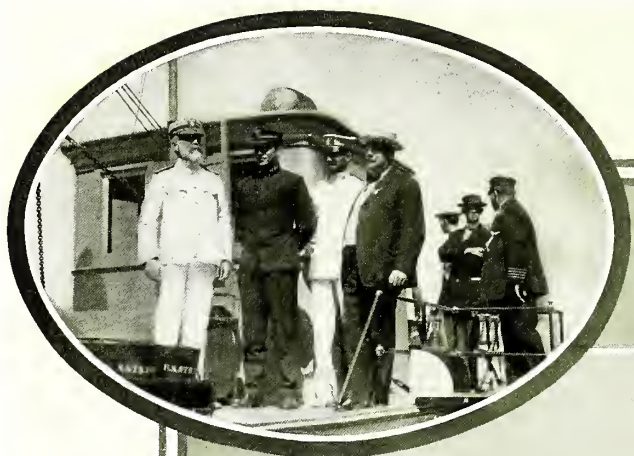
**Amusements** The school appreciates the advantage to growing boys during the summer season of the relaxation and refreshment to be obtained from wholesome amusements, and provides these liberally. The band gives a concert on the grounds each Monday evening. An open air "sing" in which all cadets may participate, illustrated with stereopticon views and moving pictures, and with special selections by glee club and band, is given under the



FORMAL GARDEN

The gymnasium, in which the cadet dances are given, opens on a formal garden, affording a cool and attractive promenade during intermissions.





**Culver First Racing Crew Winning Championship of the Great Lakes from Cleveland Naval Reserves, Cleveland Harbor, August 25.**

1. A snapshot on the Judges' Boat. Reading from left to right are Rear-Admiral Albert Ross, U. S. N., Lieut. W. G. Roper, U. S. N. Colonel L. R. Gignilliat, C. S. N. S., Dr. Cyrus Townsend Brady, and Commodore G. W. Worthington, C. Y. C.
2. The start of the race.
3. The Culver Crew, Champions of the Great Lakes.
4. The finish.



# Medals and Honors Awarded, 1911

## Crew Six, Winner Sailing Race

### Silver Medal to Boat Officer, Bronze to Crew

W. D. Storer, Boat Officer C. J. Ruf, Coxswain  
H. E. Ritchie C. B. Christie S. B. Adams  
M. Irwin H. N. Androus W. O. Brice, Jr.  
F. A. Hager J. M. Barrett, Jr. E. D. Crumpacker  
L. B. Griffith

Best Discipline—F. C. Jordan, C. S. Gold Medal

Greatest Improvement in Carriage—A. G. Williams, Silver Medal

2nd Greatest Improvement in Carriage—M. Irwin, Bronze Medal

Best Progress in Physical Development—J. H. Shanard, Silver Medal

## Crew, Winner Rowing Race

### Silver Medal to Boat Officer, Bronze to Crew

W. D. Storer, Boat Officer W. D. Storer, Coxswain  
C. J. Ruf H. N. Androus M. Y. Aldridge  
O. A. Quigley M. Irwin J. C. Scruggs  
H. A. Allendorf F. A. Hager E. D. Crumpacker  
H. P. Brown

Best Boat Officer—W. D. Storer, Silver Medal

Coxswain Rowing Race—W. D. Storer, Bronze Medal

Coxswain Sailing Race—C. J. Ruf, Bronze Medal

## Medal Winners in Swimming Meets

### First Place Bronze Medals, Second Place Ribbons

**25 Yard Dash, Junior** C. H. Reece, C. S. 1st Time 13 sec. R. E. Williams, 2nd  
**40 Yard Breast Stroke, Junior** L. M. Lyons, 1st Time 33 2-5 sec. L. L. Stuart, C. S. 2nd  
**40 Yard Back Stroke, Junior** C. H. Reece, C. S. 1st Time 33 3-5 sec. L. M. Lyons, 2nd  
**50 Yard Dash, Junior** C. H. Reece, C. S. 1st Time 35 2-5 sec. R. E. Williams, 2nd  
**Graceful Swimming, Junior** C. H. Reece, C. S. 1st T. P. Campbell, 2nd  
**Underwater Swim, Junior** T. P. Campbell, 1st 32 Yards R. E. Williams, 2nd  
**Plunge for Distance, Junior** M. W. Freund, 1st 41 Yards C. R. Wagner, 2nd  
**Diving, Junior** S. B. Adams, 1st B. M. Eagle, 2nd  
**25 Yard Dash, Senior** F. D. Gibson, 1st Time 13 2-5 sec. H. N. Androus, 2nd  
**40 Yard Breast Stroke, Senior** P. W. Patterson, 1st Time 31 sec. S. L. Hydeman, 2nd  
**40 Yard Back Stroke, Senior** P. W. Patterson, 1st Time 38 3-5 sec. A. G. Baehr, 2nd  
**50 Yard Dash, Senior** P. W. Patterson, 1st Time 30 3-5 sec. A. G. Bancker, 2nd  
**Graceful Swimming, Senior** P. W. Patterson, 1st F. D. Gibson, 2nd  
**Underwater Swim, Senior** L. L. Meyer, C. S. 1st 47 Yards A. M. Baehr, 2nd  
**Plunge for Distance, Senior** A. M. Baehr, 1st 46 Yards R. H. Farrar, 2nd  
**Diving Senior** P. W. Patterson, 1st J. C. Scruggs, 2nd

### Highest Number of Points, Final Aquatic Meet

P. W. Patterson, 1st C. H. Reece, C. S. 2nd

### Highest Number of Points, Season

P. W. Patterson, 1st R. E. Williams, 2nd

## Ribbon Winners in Athletic Contests

Senior Track Meet	1st Place	2nd Place	3rd Place
50 Yard Dash.....	N. B. Brodhead	H. M. Pfeiffer	C. G. Wehman
100 Yard Dash.....	N. B. Brodhead	H. M. Pfeiffer	S. Q. French
220 Yard Dash.....	N. B. Brodhead	S. Q. French	H. M. Pfeiffer
440 Yard Dash.....	T. L. Hogan, C. S.	S. Q. French	J. H. Shanard
880 Yard Run.....	R. H. Ramsey	A. M. Loveman	H. H. Green
1 Mile Run.....	A. C. Gillett	L. L. Stuart, C. S.	R. L. Garner
High Jump.....	C. P. Bell	N. B. Brodhead	M. P. Reed
Broad Jump.....	N. B. Brodhead	P. W. Patterson	M. Irwin
Pole Vault.....	S. Broadwell	C. R. Richardson	J. V. Beggs
Discus Throw.....	N. B. Brodhead	D. S. Grones	H. M. Pfeiffer
Shot Put.....	P. W. Patterson	N. B. Brodhead	H. N. Androus
Low Hurdles.....	M. P. Reed	Q. A. Quigley	C. P. Bell
High Hurdles.....	M. P. Reed	Q. A. Quigley	C. P. Bell
<b>Junior Track Meet</b>	<b>1st Place</b>	<b>2nd Place</b>	<b>3rd Place</b>
50 Yard Dash.....	N. W. Cline	R. H. Ristine	H. H. Green
100 Yard Dash.....	N. W. Cline	R. H. Ristine	L. L. Stuart, C. S.
220 Yard Dash.....	N. W. Cline	R. H. Ristine	S. R. Howe, C. S.
440 Yard Dash.....	N. W. Cline	R. H. Ristine	L. L. Stuart, C. S.
880 Yard Run.....	N. W. Cline	G. C. Baldwin, C. S.	L. L. Stuart, C. S.
1 Mile Run.....	G. C. Baldwin, C. S.	L. L. Stuart, C. S.	C. A. Dunkelberg
High Jump.....	M. T. Miller	S. R. Howe, C. S.	W. A. Richards
Broad Jump.....	L. L. Stuart, C. S.	W. A. Richards	S. R. Howe, C. S.
Pole Vault.....	F. C. Carleton, C. S.	S. R. Howe, C. S.	B. M. Eagle
Discus Throw.....	N. W. Cline	G. C. Baldwin, C. S.	W. H. Bryce, C. S.
Shot Put.....	N. W. Cline	G. C. Baldwin, C. S.	W. H. Bryce, C. S.
Low Hurdles.....	L. L. Stuart, C. S.	S. R. Howe, C. S.	R. H. Ristine
High Hurdles.....	H. H. Green	L. L. Stuart, C. S.	S. R. Howe, C. S.

### Highest Number of Points, Senior Track Meet

1st, N. B. Brodhead, 31 points, Silver Medal 2nd, M. P. Reed, 11 Points, Bronze Medal

### Highest Number of Points, Junior Track Meet

1st, N. W. Cline, 35 Points, Silver Medal 2nd, L. L. Stuart, C. S. 24 Points, Bronze Medal

Relay—Troop 1st—W. H. Bryce, S. R. Howe, G. C. Baldwin, L. L. Stuart.  
Middies 2nd—B. M. Eagle, N. W. Cline, R. H. Ristine, C. A. Dunkelberg.

### Winners Base Ball Monograms

E. L. F. Kaufman N. C. Schlemmer J. P. Heiner  
R. L. Stentz A. M. Baehr A. L. Wright  
M. Irwin J. R. Lowe G. W. Mattern  
W. A. Kunkel, Jr. J. M. Davidson C. W. Campbell

### Winners of Track Monograms

H. M. Pfeiffer S. Q. French  
C. P. Bell M. P. Reed  
Q. A. Quigley R. H. Ramsey  
L. Broadwell H. D. Saddler

### Tennis Tournament

**Singles, Senior** 1st, M. Irwin, Racquet 2nd, B. H. Hall, Balls  
**Singles, Junior** 1st, R. S. Fleet, Racquet 2nd, C. A. Dunkelberg, Balls

### Doubles, Junior and Senior

1st, R. S. Fleet and J. M. Taylor, Each Gold Cup  
2nd, T. F. Veach and N. C. Schlemmer, Balls

### Signalling

Greatest Proficiency in Signalling—O. B. Cardwell, Silver Medal

2nd Greatest Proficiency in Signalling—H. E. Ritchie, R. S. Fleet, Bronze Medal

### Scouting

Greatest Proficiency in Scouting—L. M. Lyons, Silver Medal. 2nd Greatest Proficiency in Scouting—L. L. Loveman, Bronze Medal

### Scouting Certificates

**First Class**—Zick, Lyons, Loveman, Borland, Mohs, Wagner N., Brown M., Jefferson, Foulkes, Nyce, Brown H., Fitts, Luehr, Bergstrom, Boblett, Ball, Zick.  
**Second Class**—Havice, Latchem, Park.





Field Day Sports. Boxing Match on Spar.



Fourth of July Field Day. Sack Race and Bun-eating Contest.





INSTRUCTION IN FENCING. [Elective]

**Athletic and Aquatic Sports** There is unusual opportunity and incentive for wholesome athletics at Culver Naval School. The friendly rivalry between the boat crews results in an exciting series of rowing and sailing races. There are frequent aquatic meets with swimming races, tub races, tilting and water polo, as features. There are also track meets and baseball games between the companies and with teams composed of school and college men amongst the cottagers and with visiting

teams, and also a senior and junior track meet and tennis tournament. The school pier is provided with enclosure and apparatus for beginners, water polo court, water baseball diamond, and is equipped with diving stand, rings, trapeze, and shoot-the-chutes.

**Uniform and Equipment** The articles of uniform and equipment are furnished the cadets at \$38.00, the lowest price consistent with good quality. The outlay for this purpose is kept within the average cost of a summer outfit of civilian clothing. The articles are in some instances such as may be used on subsequent vacations. They are as follows:

One blue serge coat, trimmed with best mohair braid, anchor ornaments on collar.  
Four pairs of white trousers, best ten-ounce duck.  
One cap, two white duck covers, gold lace band.  
Two loose white canvas suits for boat drills.  
Two white canvas hats.  
One jack knife and lanyard.

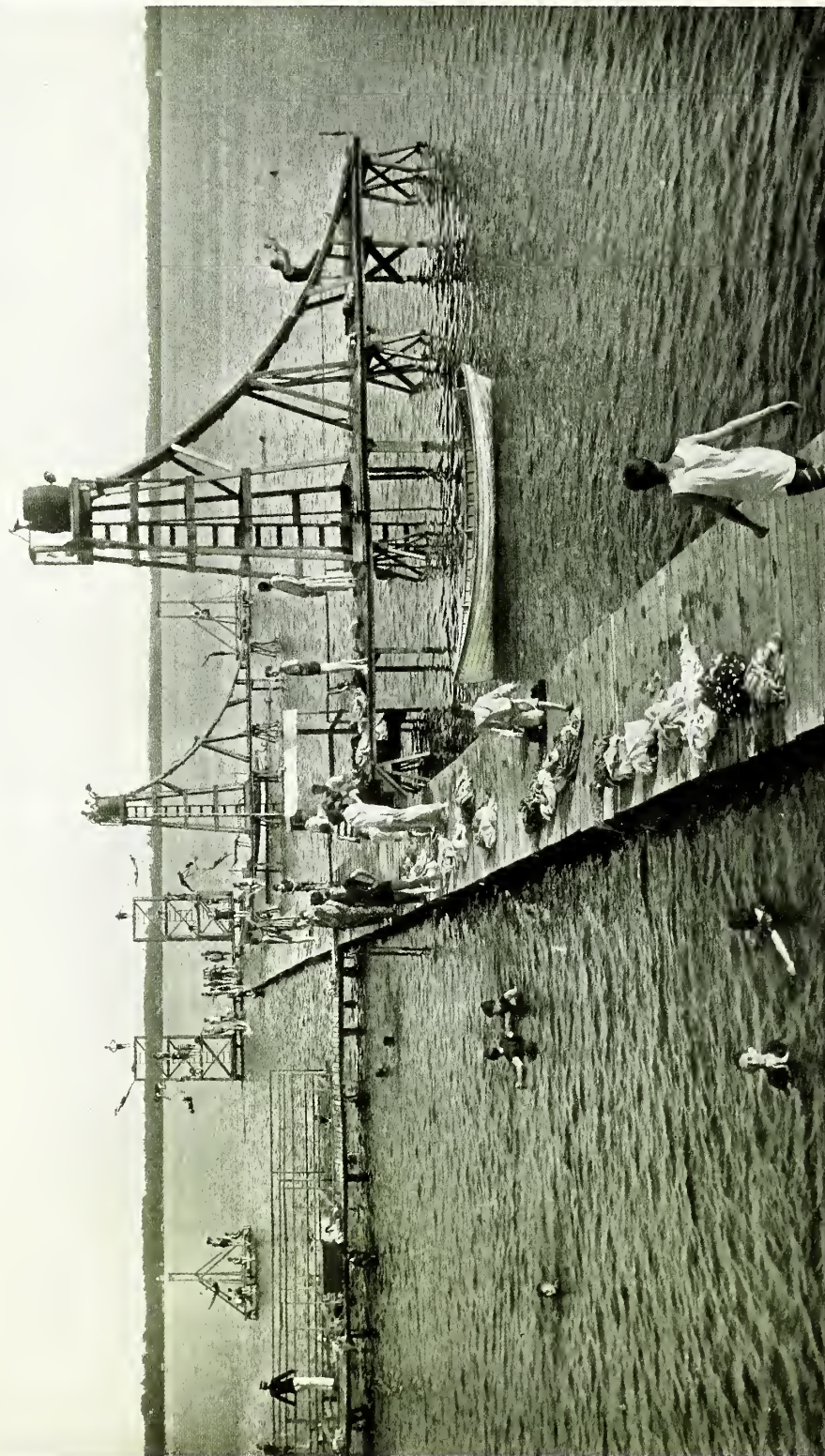
One black silk neckerchief.  
One blue flannel sailor suit for fatigue wear.  
One pair leggings.  
One pair canvas shoes.  
Six pairs of white gloves.  
One bottle 3-In-One oil and one can of powder-solvent.

The uniform is furnished the cadets on entering the school. Cadets should, of course, bring with them the following customary articles: One pair of blankets, pillow cases and sheets for single bed, laundry bag, towels, underwear, one pair black leather shoes, \*one pair dancing pumps, shirts, handkerchiefs, \*white standing collars and cuffs, \*bathing suit of dark color, bath robe, and comb, brush, toothbrush, etc. Articles marked with a \*, if desired, may be purchased from the school after the cadet arrives.



BASE BALL DIAMOND





THE BATHING PIER

The pier is fitted with every possible device to add to the pleasure of the bathing hour. Among these are "shoot-the-chutes," rings, trapeze, water polo, diving standards of various heights, and special devices for suspending beginners while learning the strokes. The beach slopes gently for three or four hundred yards from the shore, and there is no very deep water about the pier; yet to avoid any possibility of accident, the bathing masters are always present in boats watching the bathers, and ready to lend instant assistance should need arise.





A backward flip from the trapeze



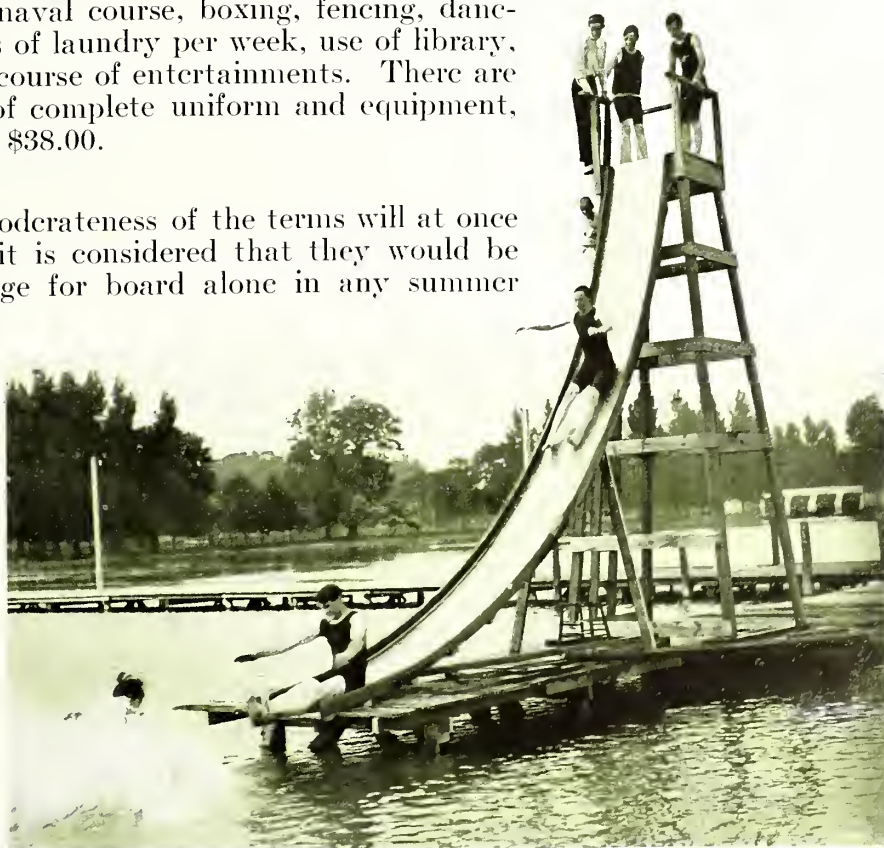
A forward flip from the trapeze and a high dive



A summersault off the spring board and high dive from a handstand

**Terms** The cost of the complete term is \$150.00, payable on entrance of the cadet. This charge covers — board, tuition, studies, music, laboratory work, swimming, the naval course, boxing, fencing, dancing, twenty-four pieces of laundry per week, use of library, gymnasium, etc., and course of entertainments. There are no extras. The cost of complete uniform and equipment, as described above is \$38.00.

The extreme moderateness of the terms will at once be appreciated when it is considered that they would be exceeded by the charge for board alone in any summer hotel offering the advantages of the academy's fireproof barracks, with its convenience of plumbing and furnishings, and of the beautiful cadet mess hall, probably the finest in the world, with its excellent fare.



ONE OF THE SHOOT THE CHUTES



## How to Reach Culver

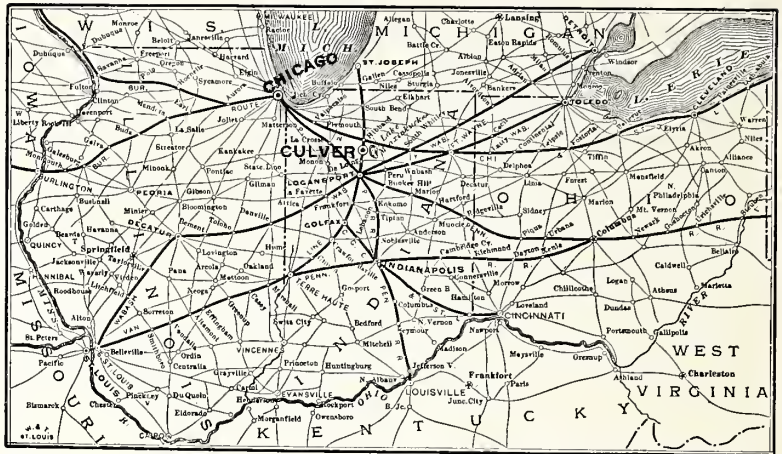
The Culver Summer Naval School is located at Culver, Indiana, on the Vandalia-Pennsylvania Line.

Both the railway and the station postoffice bear the name of the school. It is of easy access, eighty-four miles from Chicago, thirty-three miles from Logansport and South Bend, and 110 miles from Indianapolis. Culver is a summer tourist point, to which round trip tickets are sold at a reduced rate.

**Nickel Plate** All trains stop at Hibbard, two miles north of the academy, including fast trains, which stop to let off passengers from Chicago or from Fort Wayne or points east; also to take on passengers for these points. Carriages will meet visitors at Hibbard if telegram or letter is sent to "Pontius, Culver, Indiana."

When the youngster has finished his summer at Culver, he has learned to sail and row a boat, he has put on a beautiful coat of tan, "he is as hard as nails," he has had a good time from start to finish, and he has worked in a little systematic study without wanting to make faces at it. He is better refreshed and more wholesomely prepared for the school year than if he had spent the summer in the usual vacation programme.

MR. RALPH D. PAINE, in a magazine article on "Famous American Schools."



Cadets from Various States Firing National Salute on the 4th of July



## Application for Admission

City \_\_\_\_\_ State \_\_\_\_\_ 191 \_\_\_\_\_

### To the Commandant Culver Summer Naval School:

I desire to enter my son as a cadet in the Culver Summer Naval School, for the course commencing June \_\_\_\_\_ 191 \_\_\_\_\_, and ending August \_\_\_\_\_ 191 \_\_\_\_\_, subject to the conditions of your printed catalogue and the regulations of the school, and I hereby certify that he is a boy of good moral character.\*

Name of boy in full \_\_\_\_\_

Residence (give Street number) \_\_\_\_\_  
FIRST NAME MIDDLE NAME LAST NAME

Business address of father \_\_\_\_\_

Age of applicant \_\_\_\_\_ years. Height \_\_\_\_\_ Weight \_\_\_\_\_

School last attended \_\_\_\_\_

†I will probably desire him tutored in the following studies:

\_\_\_\_\_  
\_\_\_\_\_

I desire quarters reserved for my son in \_\_\_\_\_  
(STATE WHETHER BARRACKS OR CAMP)

I desire the following points to receive especial attention: (carriage, physical development, cultivation of promptness, order, etc.) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Greatest stress is to be laid on \_\_\_\_\_  
(STATE WHETHER ON PHYSICAL TRAINING AND OUTDOOR FEATURES OR ON MAKING UP STUDIES)

PLEASE ALSO GIVE ON ABOVE LINES OR ON SEPARATE SHEET TO BE ATTACHED TO APPLICATION ANY SUGGESTIONS THAT YOU THINK WOULD BE HELPFUL

The following persons are competent to give unbiased testimony of his moral character:

Name \_\_\_\_\_

Address \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

Signed \_\_\_\_\_

PARENT'S SIGNATURE

\*As a precaution against the entrance of undesirable boys, it is distinctly understood that the parent in this application certifies that his son is amenable to discipline, and is free from vicious and immoral habits. Cadets are admitted only upon the express condition that they shall remain at the School until the end of the summer term, unless suspended, or dismissed for misconduct or breach of school discipline. In case of suspension or dismissal, or in case of voluntary withdrawal, no refund will be made of money already paid on account of tuition or other fees, and any unpaid balance on account of such fees for the summer term shall become immediately due and payable to the Academy as liquidated damages. Should sickness detain cadets from the school longer than two weeks, \$10.00 per week will be refunded as the estimated cost of board and laundry.

†Consult schedule on page 21 of the catalogue. Please be specific—Do not say for instance, Latin but Caesar, Book so and so—Do not say Mathematics, but Geometry, Book II, or Algebra, Quadratics, etc. If you are sending your son more for the outdoor features than study, please indicate this.











